



# भारत का राजपत्र The Gazette of India

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No. 12]

NEW DELHI, SATURDAY, MARCH 20—MARCH 26, 2004 (PHALGUNA 30, 1925)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
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Kolkata, the 20th March 2004

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Territories of Daman and  
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Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
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Chennai-600 018.

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Pondicherry and the Union  
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Telegraphic Address "PATENTOFFIC"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax Nos. (044) 2431 4750/4751.  
E-mail. patentchennai@vsnl.net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India.

Telegraphic Address "PATENTS"  
Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-mail. patentin@vsnl.com  
patindia@giasci01.vsnl.net.in

Website : http://ipindia.nic.in

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### पेटेंट कार्यालय

एकस्व तथा अधिकल्प

कोलकाता, दिनांक 20 मार्च 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुंबई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, दमन तथा दीव एवं  
दादर और नगर हवेली।

तार पता : "पेटेंटोफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटोफिस"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2587 1256.

ई. मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,  
गुना कम्प्लेक्स, छठा तल, एनेक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिदिव द्वीप।  
तार पता - "पेटेंटोफिस"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6वा व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia@giasci01.vsnl.net.in

वेब साइट : http://ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002  
अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण  
या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित  
कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से  
नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा  
सकती है।

**CORRIGENDUM (DELHI)**

Notice is hereby given that the Patent No. 189103 Sealed on 15.01.2004

and Notified in the Gazette of India Part-III Section-2 dated 21.02.2004.

Please read as Patent No. 189203 instead of Patent No. 189103.

**CORRIGENDUM (DELHI)**

Notice is hereby given that the Patent No. 189896 sealed on 27.01.2004 and the same is likely to be advertised in the official gazette Part III Section -2 dated 06.03.2004.

Please read as Patent No. 189696 instead of Patent No. 189896.

**CORRIGENDUM (DELHI)**

Notice is hereby given that the Patent No. 189968 sealed on 23.01.2004 and the same is likely to be advertised in the official gazette Part III Section -2 dated 06.03.2004, MAY please be treated as cancelled.

**CORRIGENDUM****Amendment Under Section 20(1)**

Under the heading "Complete Specification Accepted" in the Gazette of India, Part-III, Section-2, dated 03.01.2004 on page 18 in the Patent No. 191793 (Application No. 861/DEL/2000 filed on 25.09.2000).

**Please Read**

Director, SPL'S SIDHARTHA LIMITED, E-449, Greater Kailash-I, New Delhi - 48, an Indian Company.

**Instead of**

SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH, 19, University Road, Delhi - 110 007.

## Application for the patent filed at The Patent Office, Kolkata.

From : 16-01-2004 To : 19-02-2004

New Application No	Applicant Details
23/KOL/2004	TORRENT PHARMACEUTICALS LTD.; West Bengal, India; "PROCESS FOR PREPARATION OF A CONTROLLED RELEASE FORMULATION FOR WATER SOLUBLE DRUGS."
24/KOL/2004	TORRENT PHARMACEUTICALS LTD.; West Bengal, India; "A PROCESS FOR THE PREPARATION OF PHARMACEUTICAL COMPOSITION."
25/KOL/2004	TAPAS CHANDA ; West Bengal, India; "FISHING FLOTILLA AND RESIN ROD, Bees Wax (Paraffin) and Making of Candles and Other Products, Kenno (insect) and Robotics, Blotting Paper for Napkins or Soaking Ink, Allen Screw and Wrench, Modification of Lenz's Law for CCD and Others, Origin of "Boy Constant", Printer Concept and others (Rolling Dice, Pin Ball Game)"
26/KOL/2004	TRUTZSCHLER GMBH & CO. KG.; , 07/02/2003, Germany; "APPARATUS FOR PNEUMATICALLY FEEDING AT LEAST ONE SPINNING PREPARATION MACHINE, FOR EXAMPLE A CARDING MACHING OR CLEANER."
27/KOL/2004	TRUTZSCHLER GMBH & CO. KG.; , 07/02/2003, Germany; "DEVICE ON A CARDING MACHINE FOR SETTING THE WORKING GAP BETWEEN THE CYLINDER AND AT LEAST ONE NEIGHBOURING ROLLER."
28/KOL/2004	HOKKAIDO UNIVERSITY.; , 21/01/2003, Japan; "STAND-ALONE MHD HIGH EFFICIENCY POWER GENERATION METHOD AND SYSTEM."
29/KOL/2004	STEEL AUTHORITY OF INDIA LIMITED; Jharkhand, India; "AN IMPROVED SEALING SYSTEM FOR IRON ORE SINTERING MACHINE USED IN STEEL PLANTS."
30/KOL/2004	BESCO LIMITED.; West Bengal, India; "IMPROVED GRAIN HOPPER CONTAINER."
31/KOL/2004	BESCO LIMITED.; West Bengal, India; "IMPROVED GRAIN HOPPER WAGON."
32/KOL/2004	INDIAN INSTITUTE OF TECHNOLOGY ; West Bengal, India; "MECHANICAL LOADING-UNLOADING SYSTEM FOR TEA LEAF WITHERING TROUGHS."
33/KOL/2004	COSTRUZIONI MECCANICHE LEOPOLDO POZZI SPA.; , 19/02/2003, Italy; "METHOD OF TREATMENT FOR CONDITIONING AND HEAT-SETTING TEXTILE ARTICLES AND EQUIPMENT TO CARRY OUT SAID METHOD."
34/KOL/2004	KELLOGG BROWN & ROOT, INC.; , 26/02/2003, United States of America; "SEPARATION DEVICE TO REMOVE FINE PARTICLES."
35/KOL/2004	TAPAN KUMAR DE, 17/A RADHANATH MALLICK LANE, KOLKATA - 700012.; West Bengal, India; "GENERATION OF CHEAP HYDROGEN & OXYGEN AND USING THEM AS HYDRO-CARBONFUEL & OTHER PURPOSES."
36/KOL/2004	WANG CHIEN-KUO, AND YANG TE-MIN.; , "METHOD FOR MIXING FUEL AND AIR AND A DEVICE FOR PROCESSING THE METHOD."
37/KOL/2004	DEERE & COMPANY.; , 29/01/2003, United States of America; "TWO PIECE VEHICLE ROOF STRUCTURE HAVING AN INTEGRATED HVAC SYSTEM."
38/KOL/2004	EATON CORPORATION.; , 03/02/2003, United States of America;

	"ROTARY FLUID PRESSURE DEVICE AND IMPROVED INTEGRAL BRAKE ASSEMBLY."
39/KOL/2004	YAMAHA HATSUDOKI KABUSHIKI KAISHA.; , 30/01/2003, Japan; "ENGINE FUEL GAS SUPPLY APPARATUS."
40/KOL/2004	MOTECH GMBH TECHNOLOGY & SYSTEMS.; , 20/02/2003, Germany; "MULT-LAYER MONOFILAMENT AND PROCESS FOR MANUFACTURING A MULTI-LAYER MONFILAMENT."
41/KOL/2004	DR. PROBIR KUMAR BOSE, AND MR. PROTIP KUMAR CHATTERJEE; West Bengal, India; "AN IMPROVED CLAMPING AND RELEASING DEVICE FOR BATTERY LEADS AND PROCESS FOR PREPARING THE SAME."
42/KOL/2004	TAPAS CHANDA ; West Bengal, India; "PHOTO TRANSMISSION (DIGITAL OR ANALOG) IN THE HEAD FOR MULTIPLE PURPOSES, DOWNLOADING ONLINE MANUAL AND FORMATTING FOR INDIVIDUAL NEED AND/OR MAKING THEM TO WORK FOR MACHINED INTERFACE WITH AUDIO-VIDEO OUTPUT, "
43/KOL/2004	PAXAR AMERICAS, INC.; , 14/03/2003, United States of America; "THERMAL TRANSFER MEDIA AND METHOD OF MAKING AND USING SAME."
44/KOL/2004	INFOSIGHT CORPORATION.; , 17/03/2003, United States of America; "TRANSPARENT PROGRAMMABLE LED DISPLAY PANEL AND METHOD."
45/KOL/2004	NIPPON KODO CO LTD.; , 06/02/2003, Japan; "INCENSE STICK FOR WORSHIPPINGS AT GRAVE AND METHOD AND DEVICE FOR FORMING AIR HOLE THEREIN."
46/KOL/2004	GREENPLY INDUSTRIES LIMITED.; West Bengal, India; "A DECORATIVE SHEET & PROCESS FOR MANUFACTURING THE SAME."
47/KOL/2004	STEEL AUTHORITY OF INDIA LIMITED; Jharkhand, India; "A PROCESS OF MANUFACTURING OF SUPERIOR CONRRSION RESISTANT COPPER-MOLYBDENUM TMT REBARS."
48/KOL/2004	CHAO-JEN LIN.; , "PEN WITH PAPER DISPENSER."
49/KOL/2004	MAIN GROUP S.P.A.; , 07/08/2003, Italy; "MACHINE, MACHINE STRUCTURE AND MOLD FOR THE INJECTION-MOLDING OF SOLES, TECHNICAL ARTICLES AND THE LIKE."
50/KOL/2004	SAMSUNG ELECTRONICS . LTD.; , 11/03/2003, Korea; "APPARATUS AND METHOD FOR ADAPTIVE BRIGHTNESS CONTROL."
51/KOL/2004	SAHA SUBHAS; West Bengal, India; "AN IMPROVED PROCESS FOR PREPARING VEGETABLE DYE."
52/KOL/2004	Uddhab Kumar Bharali; Assam, India; "SIMPLE PORTABLE HAND POUNDING MACHINE."
53/KOL/2004	AMIT RASTOGI.; West Bengal, India; "PROCESS FOR OXIDATION OF TEA LEAVES TO PRODUCE BLACK TEA."
54/KOL/2004	ABB POWER T & D COMPANY INC.; , 18/06/1996, United States of America; "HIGH OLEIC ACID OIL COMPOSITIONS AS ELECTRICAL INSULATION FLUIDS AND METHODS OF MAKING AND DEVICES COMPRISING THE SAME."
55/KOL/2004	LG ELECTRONICS INC.; , "COMPRESSOR."
56/KOL/2004	JUNG-TSUNG.; , 21/02/2003, China; "INTELLIGENT LINE SWITCH."
57/KOL/2004	THE TATA IRON AND STEEL COMPANY LIMITED.; Jharkhand, India; "A

	CORED WIRE INJECTION PROCESS IN STEEL MELTS."
58/KOL/2004	IMPULSE DYNAMICS N.V.; ; "AN APPARATUS FOR CONTROLLING AT LEAST THE LOCAL ACTIVITY OF A PORTION OF AN INVIVO SMOOTH MUSCLE."
59/KOL/2004	STEEL AUTHORITY OF INDIA LIMITED; West Bengal, India; "ANGLE OF REPOSE MEASUREMENT DEVICE FOR RAW MIX FEED RATE CONTROL ON SINTSER MACHINE."
60/KOL/2004	STEEL AUTHORITY OF INDIA LIMITED; Jharkhand, India; "A PROCESS FOR SIMULTANEOUS MANUFACTURE OF HIGH STRENGTH FE 415 GR. WELDABLE REINFORCEMENT RIBBED WIRE ROD (8/10 MM) AND DRAWING QUALITY WIRE ROD (8/10 MM) EQUIVALENT TO SWR10/SWR14 GR. STEEL EITHER BY ADDITION OF."
61/KOL/2004	HALLA CLIMATE CONTROL CORP.; , 18/02/2003, Korea; "COMPRESSOR."
62/KOL/2004	DAISO CO. LTD.; , 18/02/2003, Japan; "PACKINGS FOR LIQUID CHROMATOGRAPHY, PROCESS FOR PREPARING AND USAGE."
63/KOL/2004	BORGWARNER INC.; , 21/02/2003, 26/11/2003, United States of America; "METHOD OF CONTROLLING A DUAL CLUTCH TRANSMISSION."
64/KOL/2004	BORGWARNER INC.; , 21/02/2003, 05/08/2003, United States of America; "METHOD OF CONTROLLING A DUAL CLUTCH TRANSMISSION."
65/KOL/2004	BORGWARNER INC.; , 21/02/2003, United States of America; "METHOD OF CONTROLLING A DUAL CLUTCH TRANSMISSION."

## National Phase Application Filed under PCT Chapter I/II for the month of November (remaining Part) to December, 2002

<i>NP Appln. No. And Dt.</i>	<i>PCTAppn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01478  <i>Dt.</i> 11/29/02	PCT/US01/17476  <i>Dt.</i> 5/29/01	09/586,445  <i>Dt.</i> 6/2/00	US	ENGELHARD CORPORATION	PLIABLE METAL CATALYST CARRIERS, CONFORMABLE CATALYST MEMBERS MADE THEREFROM AND METHODS OF INSTALLING THE SAME
IN/PCT/2002/01479  <i>Dt.</i> 11/29/02	PCT/JP02/03648  <i>Dt.</i> 4/12/02	2001-117304  <i>Dt.</i> 4/16/01	JP	MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.	FRAME SYNCHRONIZATION APPARATUS AND FRAME SYNCHRONIZATION METHOD
IN/PCT/2002/01480  <i>Dt.</i> 12/2/02	PCT/KR01/00880  <i>Dt.</i> 5/25/01	2001/21165  <i>Dt.</i> 4/19/01	KR	LG ELECTRONICS INC	BOBBIN FOR RECIPROCTING MOTOR AND FABRICATION METHOD THEREOF
IN/PCT/2002/01481  <i>Dt.</i> 12/2/02	PCT/KR01/00882  <i>Dt.</i> 5/25/01	2001/18280  <i>Dt.</i> 4/6/01	KR	LG ELECTRONICS INC	SUCTION GAS GUIDING SYSTEM FOR RECIPROCATING COMPRESSOR

<i>NP Appn. No. And Dt.</i>	<i>PCTAppn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01482  <i>Dt.</i> 12/2/02	PCT/US01/20515  <i>Dt.</i> 6/28/01	09/607,602  <i>Dt.</i> 6/30/00	US	THE PROCTER & GAMBLE COMPANY	PROMOTING WHOLE BODY HEALTH
IN/PCT/2002/01483  <i>Dt.</i> 12/2/02	PCT/US01/20517  <i>Dt.</i> 6/28/01	09/607,729  <i>Dt.</i> 6/30/00	US	THE PROCTER & GAMBLE COMPANY	PROMOTING WHOLE BODY HEALTH
IN/PCT/2002/01484  <i>Dt.</i> 12/2/02	PCT/US01/20516  <i>Dt.</i> 6/28/01	09/607,240  <i>Dt.</i> 6/30/00	US	THE PROCTER & GAMBLE COMPANY	PROMOTING WHOLE BODY HEALTH
IN/PCT/2002/01485  <i>Dt.</i> 12/2/02	PCT/GB01/01318  <i>Dt.</i> 3/27/01	0014655.5  <i>Dt.</i> 6/16/00	GB	GRIPPLE LIMITED	LOAD HANDLING PALLETS AND LOAD STRAPPING MEANS

<i>NP Appln. No. And Dt.</i>	<i>PCTAppn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01486  <i>Dt.</i> 12/3/02	PCT/US01/25834  <i>Dt.</i> 9/12/01	09/661,350  <i>Dt.</i> 9/14/00	US	S.C. JOHNSON & SON INC	IMPRDVED INSECT COIL
IN/PCT/2002/01487  <i>Dt.</i> 12/3/02	PCT/US01/16654  <i>Dt.</i> 5/23/01	60/207,654  <i>Dt.</i> 5/26/00	US	ORTHO MCNEIL PHARMACEUTICAL INC	NEUROPROTECTIVE PEPTIDES
IN/PCT/2002/01488  <i>Dt.</i> 12/3/02	PCT/US01/17565  <i>Dt.</i> 5/31/01	09/595,369  <i>Dt.</i> 6/15/00	US	IBIQUITY DIGITAL CORPORATION	METHOD AND APARATUS FOR REDUCTION OF INTERFERENCE IN FM IN-BAND ON-CHANNEL DIGITAL AUDIO BROADCASTING RECEIVERS
IN/PCT/2002/01489  <i>Dt.</i> 12/3/02	PCT/US01/18163  <i>Dt.</i> 7/19/01	09/599,381  <i>Dt.</i> 6/22/00	US	DOW CORNING CORPORATION	SILICON COATINGS CONTAINING SILICONE MIST SUPPRESSANT COMPOSITION

<i>NP Appln. No. And Dt.</i>	<i>PCT Appln. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01490  <i>Dt.</i> 12/3/02	PCT/US01/18545  <i>Dt.</i> 6/8/01	60/210,243  <i>Dt.</i> 6/8/00	US	KNITE INC	COMBUSTION ENHANCEMENT SYSTEM AND METHOD
IN/PCT/2002/01491  <i>Dt.</i> 12/3/02	PCT/AU01/00881  <i>Dt.</i> 7/19/01	PQ8907  <i>Dt.</i> 7/20/00	AU	TECHNOLOGICAL RESOURCES PTY LTD.	A DIRECT SMELTING PROCESS AND APPARATUS
IN/PCT/2002/01492  <i>Dt.</i> 12/4/02	PCT/AU01/00639  <i>Dt.</i> 5/30/01	PQ7850  <i>Dt.</i> 5/30/00	AU	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION	HEAT ENGINES AND ASSOCIATED METHODS OF PRODUCING MECHANICAL ENERGY AND THEIR APPLICATION TO VEHICLES
IN/PCT/2002/01493  <i>Dt.</i> 12/4/02	PCT/DE01/02100  <i>Dt.</i> 6/5/01	100 29 271.2  <i>Dt.</i> 6/14/00	DE	INFINEON TECHNOLOGIES	DEMODULATION CIRCUIT AND DEMODULATION METHOD

<i>NP Appln. No. And Dt.</i>	<i>PCTAppn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01494 <i>Dt.</i> 12/4/02	PCT/DE01/02267 <i>Dt.</i> 6/18/01	100 32 654.4 <i>Dt.</i> 6/28/00	DE	SIEMENS AG.	CONNECTOR RAIL MADE OF PROFILED SEMIFINISHED PRODUCTS FOR ELECTRICAL DEVICES AND APPLIANCES FOR VARIOUS NOMINAL CURRENTS
IN/PCT/2002/01495 <i>Dt.</i> 12/5/02	PCT/EP02/0539 <i>Dt.</i> 1/21/02	101 05 234.0 <i>Dt.</i> 2/2/01	CH	SCHOELLER TEXTIL AG.	TEXTILE SURFACE
IN/PCT/2002/01496 <i>Dt.</i> 12/5/02	PCT/US01/18244 <i>Dt.</i> 6/5/01	09/588,417 <i>Dt.</i> 6/6/00	US	ORTHO-MCNEIL PHARMACEUTICAL INC	METALLOPROTEASE PEPTIDE SUBSTRATES AND METHODS
IN/PCT/2002/01497 <i>Dt.</i> 12/5/02	PCT/DE01/02259 <i>Dt.</i> 6/16/01	100 30 675.6 <i>Dt.</i> 6/23/00	DE	MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG.	METHOD AND DEVICE FOR THE PREPARATION OF MOULD SAND

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IN/PCT/2002/01498  <i>Dt.</i> 12/5/02	PCT/US01/18493  <i>Dt.</i> 6/8/01	60/210,419  <i>Dt.</i> 6/8/00	US	MAURER TECHNOLOGY INCORPORATED	MULTI-GRADIENT DRILLING METHOD AND SYSTEM
IN/PCT/2002/01499  <i>Dt.</i> 12/5/02	PCT/JP01/04485  <i>Dt.</i> 5/29/01	2000-168741  <i>Dt.</i> 6/6/00	JP	MITSUBA CORPORATION	LAMP LIGHTING AND BATTERY CHARGING CONTROL SYSTEM
IN/PCT/2002/01500  <i>Dt.</i> 12/5/02	PCT/FR01/01681  <i>Dt.</i> 5/30/01	00/07806  <i>Dt.</i> 6/19/00		GE ENERGY PRODUCTS FRANCE SNC	USE OF NICKEL COMPOUNDS A VANADIUM CORROSION INHIBITORS
IN/PCT/2002/01501  <i>Dt.</i> 12/9/02	PCT/AT01/00137  <i>Dt.</i> 5/10/01	A 823/2000  <i>Dt.</i> 5/11/00	AT	MOELLER BEBAUDEAUTOMATIO N KG	ELECTROMECHANICAL REMOTE CONTROL SWITCH

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IN/PCT/2002/01502 <i>Dt.</i> 12/9/02	PCT/JP02/02570 <i>Dt.</i> 3/19/02	2001-078695 <i>Dt.</i> 6/19/01	JP	KANEKA CORPORATION	PURIFICATION METHOD OF N-(1(S)-ETHOXYCARBONYL-3-PHENYLPROPYL)-L- ALANINE
IN/PCT/2002/01503 <i>Dt.</i> 12/9/02	PCT/US01/18312 <i>Dt.</i> 6/6/01	60/210,132 <i>Dt.</i> 6/7/00	US	ORTHO-MCNEIL PHARMACEUTICAL INC	METHOD TO DETECT MODULATORS OF VEGF KINASE DOMAIN
IN/PCT/2002/01504 <i>Dt.</i> 12/9/02	PCT/US01/18482 <i>Dt.</i> 6/8/01	60/210,808 <i>Dt.</i> 6/9/00	US	DIABETES DIAGNOSTICS INC	CAP FOR A LANCING DEVICE
IN/PCT/2002/01505 <i>Dt.</i> 12/10/02	PCT/JP02/04643 <i>Dt.</i> 5/14/02	2001-143810 <i>Dt.</i> 5/14/01	JP	NTT DOCOMO INC	SYSTEM FOR MANAGING PROGRAM STORED IN STORAGE UNIT OF MOBILE TERMINAL

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IN/PCT/2002/01506  <i>Dt.</i> 12/10/02	PCT/US02/11386  <i>Dt.</i> 4/11/02	09/833,945  <i>Dt.</i> 4/12/01	US	CELANESE INTERNATIONAL CORPORATION	PALLADIUM CATALYST AND PROCESSES FOR USING THE SAME
IN/PCT/2002/01507  <i>Dt.</i> 12/10/02	PCT/EP01/08261  <i>Dt.</i> 7/18/01	100 35 928.6  <i>Dt.</i> 7/21/00	DE	ZENTARIS AG	NOVEL HETEROARYL DERIVATIVES AND THEIR USE AS MEDICAMENTS
IN/PCT/2002/01508  <i>Dt.</i> 12/10/02	PCT/JP01/05806  <i>Dt.</i> 7/4/01	2000-204021  <i>Dt.</i> 7/5/00	JP	TAISHO PHARMACEUTICAL CO.LTD.	TETRAHYDROPYRIDINO OR PIPERIDINO HETEROCYCLIC DERIVATIVES
IN/PCT/2002/01509  <i>Dt.</i> 12/10/02	PCT/US01/17500  <i>Dt.</i> 5/31/01	09/598,666  <i>Dt.</i> 6/20/00	US	ENGELHARD CORPORATION	IMPROVED POWDER COATING COMPOSITION AND METHOD

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IN/PCT/2002/01510  <i>Dt.</i> 12/10/02	PCT/JP01/05972  <i>Dt.</i> 7/10/01	2000-208339  <i>Dt.</i> 7/10/00	JP	ASAHI KASEI KABUSHIKI KAISHA	HALLOW FIBER MEMBRANE CARTRIDGE AND HOLLOW FIBER MEMBRANE MODULE AND TANK TYPE FILTRATION APPARATUS WHICH USE THE CARTRIDGE
IN/PCT/2002/01511  <i>Dt.</i> 12/10/02	PCT/EP01/07439  <i>Dt.</i> 6/28/01	100 33 256.0  <i>Dt.</i> 7/10/00	DE	CORONET WERKE GMBH	METHOD AND DEVICE FOR PRODUCING BRUSHWARE AND BRUSHWARE
IN/PCT/2002/01512  <i>Dt.</i> 12/10/02	PCT/EP01/04294  <i>Dt.</i> 4/17/01	100 23 405.4  <i>Dt.</i> 5/12/00	DE	MERCK PATENT GMBH	PROCESS FOR THE PREPARATION OF SULFONYLBENZOYL GUANIDINIUM SALTS
IN/PCT/2002/01513  <i>Dt.</i> 12/10/02	PCT/US01/16474  <i>Dt.</i> 6/1/01	60/212,171  <i>Dt.</i> 6/16/00	US	ELI LILLY AND COMPANY	GLUEOGEN LIKE PEPTIDE-1 ANALOG

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IN/PCT/2002/01514  <i>Dt.</i> 12/10/02	PCT/US01/20814  <i>Dt.</i> 6/28/01	09/607,242  <i>Dt.</i> 6/30/00	US	THE PROCTER & GAMBLE COMPANY	ORAL CARE COMPOSITIONS CHLORITE AND METHODS
IN/PCT/2002/01515  <i>Dt.</i> 12/11/02	PCT/GB01/01978  <i>Dt.</i> 5/3/01	0011321.7  <i>Dt.</i> 5/11/00	GB	IRVINE NESS STEWART	ZEROCLICK
IN/PCT/2002/01516  <i>Dt.</i> 12/11/02	PCT/CN01/00919  <i>Dt.</i> 6/7/01	00117989.6  <i>Dt.</i> 6/7/00	CN	ZHANG HAO	ORAL PREPARATION FOR SPECIFIC DELIVERY IN COLON AND PREPARATION METHOD THEREOF
IN/PCT/2002/01517  <i>Dt.</i> 12/11/02	PCT/US01/20845  <i>Dt.</i> 6/29/01	60/219,766  <i>Dt.</i> 7/20/00	US	THOMSON LICENSING S.A.	MULTI-MEDIA JITTER REMOVAL IN AN ASYNCHRONOUS DIGITAL HOME NETWORK

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IN/PCT/2002/01518  <i>Dt.</i> 12/11/02	PCT/FR01/02053  <i>Dt.</i> 6/28/01	00/08727  <i>Dt.</i> 7/5/00	FR	SAINT-GOBAIN VETROTX FRANCE S.A.	ASSEMBLY AND METHOD FOR CUTTING STRANDS FORMED BY THERMOPLASTIC FILAMENTS
IN/PCT/2002/01519  <i>Dt.</i> 12/12/02	PCT/JP01/04945  <i>Dt.</i> 6/12/01	2000-176027  <i>Dt.</i> 6/12/00	JP	MITSUBISHI MATERIALS CORPORATION	EDGE INSULATION MEMBER FOR ELECTRODE PLATE, FIXING METHOD AND REMOVAL METHOD FOR EDGE INSULATION MEMBER
IN/PCT/2002/01520  <i>Dt.</i> 12/12/02	PCT/JP01/05851  <i>Dt.</i> 7/5/01	2000-203909  <i>Dt.</i> 7/5/00	JP	ISHIHARA SANGYO KAISHA LTD.	BENZOYL PYRIDINE DERIVATIVE OR ITS SALT, FUNGICIDE CONTAINING IT AS AN ACTIVE INGREDIENT ITS PRODUCTION PROCESS AND INTERMEDIATE FOR PRODUCING IT
IN/PCT/2002/01521  <i>Dt.</i> 12/12/02	PCT/US01/18173  <i>Dt.</i> 6/5/01	09/599,683  <i>Dt.</i> 6/22/00	US	DOW CORNING CORPORATION	SILICONE COATINGS CONTAINING SILICONE MIST SUPPRESSANT COMPOSITIONS

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IN/PCT/2002/01522  <i>Dt.</i> 12/12/02	PCT/US01/02647  <i>Dt.</i> 1/26/01	09/626,367  <i>Dt.</i> 7/24/00	US	HEWLETT PACKARD COMPANY	ENERGY BALANCED INK JET PRINTHEAD
IN/PCT/2002/01523  <i>Dt.</i> 12/12/02	PCT/AU01/00585  <i>Dt.</i> 5/21/01	PQ 7629  <i>Dt.</i> 5/19/00	AU	MULLER, JEFFREY, AL AN	DEVICE FOR SAVING FUEL AND REDUCING EMISSIONS
IN/PCT/2002/01524  <i>Dt.</i> 12/13/02	PCT/US01/19225  <i>Dt.</i> 6/14/01	09/606,882  <i>Dt.</i> 6/29/00	US	INTEL CORPORATION	ELECTRONIC PACKAGE HAVING IMBEDDED CAPACITORS AND METHOD OF FABRICATION THEREFOR
IN/PCT/2002/01525  <i>Dt.</i> 12/13/02	PCT/US01/18683  <i>Dt.</i> 6/7/01	09/605,239  <i>Dt.</i> 6/28/00	US	INTEL CORPORATION	CACHE LINE PRE-LOAD AND PRE-OWN BASED ON CACHE COHERENCE SPECULATION

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IN/PCT/2002/01526 <i>Dt.</i> 12/13/02	PCT/US01/18360 <i>Dt.</i> 5/7/01	09/590,397 <i>Dt.</i> 6/8/00	US	CHENG HOWARD	EARRING CONNECTOR
IN/PCT/2002/01527 <i>Dt.</i> 12/16/02	PCT/EP01/04630 <i>Dt.</i> 4/25/01	100 24 466.1 <i>Dt.</i> 5/18/00	DE	MERCK PATENT GMBH	PIGMENTS
IN/PCT/2002/01528 <i>Dt.</i> 12/16/02	PCT/JP01/04128 <i>Dt.</i> 5/17/01	2000-148419 <i>Dt.</i> 5/19/00	JP	MERCK PATENT GMBH	TRIAZOLE DERIVATIVES
IN/PCT/2002/01529 <i>Dt.</i> 12/16/02	PCT/EP01/08263 <i>Dt.</i> 7/18/01	300 35 927.2 <i>Dt.</i> 7/21/00	DE	ZENTARIS AG	ACRIDINE DERIVATIVES AND THEIR USE AS MEDICAMENTS

<i>NP Appln. No. And Dt.</i>	<i>PCT Appn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01530  <i>Dt.</i> 12/16/02	PCT/US01/20748  <i>Dt.</i> 6/29/01	60/220,940  <i>Dt.</i> 7/26/00	US	THOMSON LICENSING S.A.	MULTI-MEDIA JITTER REMOVAL IN AN ASYNCHRONOUS DIGITAL HOME NETWORK
IN/PCT/2002/01531  <i>Dt.</i> 12/16/02	PCT/JP01/01779  <i>Dt.</i> 3/7/01	PCT/JP01/01779  <i>Dt.</i> 3/7/01	JP	JAPAN METAL GASKET CO.LTD.	METALLIC GASKET
IN/PCT/2002/01532  <i>Dt.</i> 12/16/02	PCT/EP01/06284  <i>Dt.</i> 6/1/01	100 31 470.8  <i>Dt.</i> 6/28/00	DE	COPERION WERNER & PFLEIDERER GMBH & CO.KG	GEAR PUMP
IN/PCT/2002/01533  <i>Dt.</i> 12/16/02	PCT/KR01/00866  <i>Dt.</i> 5/24/01	PCT/KR01/00866  <i>Dt.</i> 5/24/01	KR	LG ELECTRONICS INC	STATION FOR RECIRPROCATING MOTOR

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IN/PCT/2002/01534  <i>Dt.</i> 12/16/02	PCT/US01/20489  <i>Dt.</i> 5/28/01	60/215,548  <i>Dt.</i> 8/30/00		PRC-DE SOTO INTERNATIONAL INC	SEALANTS AND POTTING FORMULATIONS INCLUDING POLYMERS PRODUCED BY THE REACTION OF A POLYTHIOL AND POLYVINYL ETHER MONOMER
IN/PCT/2002/01535  <i>Dt.</i> 12/16/02	PCT/US01/18361  <i>Dt.</i> 6/7/01	09/590,397  <i>Dt.</i> 6/8/00	US	CHENG HOWARD	INVISIBLE CONNECTOR FOR JEWELRY STRAND
IN/PCT/2002/01536  <i>Dt.</i> 12/17/02	PCT/JP02/09858  <i>Dt.</i> 9/25/02	2001-290645  <i>Dt.</i> 9/25/01	JP	OTSUKA PHARMACEUTICAL CO.LTD.	LOW HYGROSCOPIC ARIPIRAZOLE DRUG SUBSTANCE AND PROCESSES FOR THE PREPARATION THEREOF
IN/PCT/2002/01537  <i>Dt.</i> 12/17/02	PCT/US01/12967  <i>Dt.</i> 4/23/01	09/615,228  <i>Dt.</i> 7/13/00	US	ALSTOM(SWITZERLA ND) LTD.	BASKET DESIGN AND MEANS OF ATTACHMENT FOR HORIZONTAL AIR PREHEATERS

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IN/PCT/2002/01538  <i>Dt.</i> 12/17/02	PCT/FR01/02037  <i>Dt.</i> 6/27/01	00/08240  <i>Dt.</i> 6/27/00	FR	THOMSON LICENSING S.A.	METHOD OF RECEIVING AND SCREENING SEQUENCES OF TOPIC BASED AUDIOVISUAL PROGRAMMES, AND RECEIVER FOR IMPLEMENTING THE METHOD
IN/PCT/2002/01539  <i>Dt.</i> 12/17/02	PCT/US01/02601  <i>Dt.</i> 1/26/01	09/621,922  <i>Dt.</i> 7/24/00	US	HEWLETT-PACKARD COMPANY	INK JET PRINTHEAD HAVING A GROUND BUS THAT OVERLAPS TRANSISTOR ACTIVE REGIONS
IN/PCT/2002/01540  <i>Dt.</i> 12/17/02	PCT/GB01/03020  <i>Dt.</i> 7/5/01	0016561.3  <i>Dt.</i> 7/5/00	GB	ROLLS ROYCE PLC	MONITORING THE HEALTH OF A POWER PLANT
IN/PCT/2002/01541  <i>Dt.</i> 12/17/02	PCT/KR01/00877  <i>Dt.</i> 5/25/01	PCT/KR01/00877  <i>Dt.</i> 5/25/01	KR	LG ELECTRONICS INC	RECIPROCATING COMPRESSOR

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IN/PCT/2002/01542  <i>Dt.</i> 12/17/02	PCT/US01/20488  <i>Dt.</i> 6/28/01	60/215,548  <i>Dt.</i> 6/30/00		PRC-DE SOTO INTERNATIONAL INC	SEALANTS AND POTTING FORMULATIONS INCLUDING MERCAPTO-TERMINATED POLYMERS PRODUCED BY THE REACTION OF POLYTHIOL AND POLYVINYLETHER MONOMER
IN/PCT/2002/01543  <i>Dt.</i> 12/17/02	PCT/ES00/00424  <i>Dt.</i> 11/7/00	P 200001358  <i>Dt.</i> 5/29/00	ES	SIEMENS ELASA S.A	INTERMEDIATE COIN STORAGE WITH TRANSLATIONAL MOVEMENT FOR PUBLIC TELEPHONES
IN/PCT/2002/01544  <i>Dt.</i> 12/18/02	PCT/JP01/05576  <i>Dt.</i> 6/28/01	2000-204000  <i>Dt.</i> 7/5/00	JP	ASAHI KASEI KABUSHIKI KAISHA	CELLULOSE POWDER
IN/PCT/2002/01545  <i>Dt.</i> 12/18/02	PCT/GB01/02899  <i>Dt.</i> 6/27/01	0015683.6  <i>Dt.</i> 6/28/00	GB	DEPUY INTERNATIONAL LIMITED	APPARATUS FOR POSITIONING A SURGICAL INSTRUMENT

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IN/PCT/2002/01546  <i>Dt.</i> 12/18/02	PCT/US01/19376  <i>Dt.</i> 6/19/01	60/212,40  <i>Dt.</i> 6/19/00	US	CORRELOGIC SYSTEMS INC	HEURISTIC METHOD OF CLASSIFICATION
IN/PCT/2002/01547  <i>Dt.</i> 12/18/02	PCT/CA01/01000  <i>Dt.</i> 7/6/01	09/512,569  <i>Dt.</i> 7/7/00	CA	SLATTEN IVAN BOALER	SELF ALIGNING HITCH
IN/PCT/2002/01548  <i>Dt.</i> 12/18/02	PCT/IB01/01053  <i>Dt.</i> 6/15/01	MI2000A001523  <i>Dt.</i> 7/6/00	IT	SABAF S.P.A.	BURNER WITH INTERNAL SEPARATOR
IN/PCT/2002/01549  <i>Dt.</i> 12/18/02	PCT/JP01/06748  <i>Dt.</i> 8/6/01	2000-239105  <i>Dt.</i> 8/7/00	JP	NS PLANNING INC	CARD HOLDER

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IN/PCT/2002/01550  <i>Dt.</i> 12/19/02	PCT/US01/16629  <i>Dt.</i> 5/21/01	60/205,531  <i>Dt.</i> 9/19/00	US	SELF REPAIRING COMPUTERS INC	A COMPUTER WITH SWITCHABLE COMPONENTS
IN/PCT/2002/01551  <i>Dt.</i> 12/19/02	PCT/EP01/06830  <i>Dt.</i> 6/16/01	100 30 297.1  <i>Dt.</i> 6/27/00	OE	KOMET PRAZISIONERK ZEUGE ROBERT BREUNING GMBH	DRILLING TOOL
IN/PCT/2002/01552  <i>Dt.</i> 12/19/02	PCT/OE01/02383  <i>Dt.</i> 6/27/01	100 33 936.0  <i>Dt.</i> 7/5/00	DE	SIEMENS AG.	LOW-VOLTAGE CIRCUIT BREAKER WITH AN ARC EXTINGUISHING CHAMBER AND WITH A SWITCHING GAS DAMPER
IN/PCT/2002/01553  <i>Dt.</i> 12/19/02	PCT/EP01/07228  <i>Dt.</i> 6/28/01	0015999.6  <i>Dt.</i> 6/29/00	GB	GLAXOSMITHKLINE BIOLOGICALS S.A.	MULTIVALENT VACCINE COMPOSITION

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IN/PCT/2002/01554 <i>Dt.</i> 12/20/02	PCT/US01/23719 <i>Dt.</i> 7/26/01	09/628,705 <i>Dt.</i> 7/31/00	US	INTEL CORPORATION	ELECTRONIC ASSEMBLY COMPRISING INTERPOSER WITH EMBEDDED CAPACITORS AND METHODS OF MANUFACTURE
IN/PCT/2002/01555 <i>Dt.</i> 12/20/02	PCT/KR01/01180 <i>Dt.</i> 7/10/01	2000/0039823 <i>Dt.</i> 7/12/00	KR	KOBEST CO.LTD.	ROTARY SHUTTLE DEVICE FOR SEWING MACHINE
IN/PCT/2002/01556 <i>Dt.</i> 12/20/02	PCT/US01/13901 <i>Dt.</i> 4/27/01	60/213,104 <i>Dt.</i> 6/21/00	US	CYTOKINETICS INC	METHODS AND COMPOSITIONS UTILIZING QUINAZOLINONES
IN/PCT/2002/01557 <i>Dt.</i> 12/20/02	PCT/JP01/05524 <i>Dt.</i> 6/27/01	2000-192856 <i>Dt.</i> 6/27/00	JP	TAISHO PHARMACEUTICAL CO.LTD.	THERAPEUTIC PREPARATION FOR ANXIETY NEUROSIS OR DEPRESSION AND PIPERAZINE DERIVATIVES

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IN/PCT/2002/01558  <i>Dt.</i> 12/20/02	PCT/JP01/05764  <i>Dt.</i> 7/3/01	2000-205396  <i>Dt.</i> 7/6/00	JP	SANKYO COMPANY LIMITED	ACID ADDITION SALTS HYDROPYRIDINE DERIVATIVES
IN/PCT/2002/01559  <i>Dt.</i> 12/20/02	PCT/IL01/00519  <i>Dt.</i> 6/6/01	137316  <i>Dt.</i> 7/16/00	IL	ISCAR LTD.	CUTTING TOOL ASSEMBLY
IN/PCT/2002/01560  <i>Dt.</i> 12/23/02	PCT/US01/2357  <i>Dt.</i> 7/24/01	60/220,360  <i>Dt.</i> 7/24/00	US	NORTEL NETWORKS LIMITED	METHOD FOR ESTABLISHING PACKET-BASED CONNECTIONS IN A WIRELESS NETWORK
IN/PCT/2002/01561  <i>Dt.</i> 12/23/02	PCT/CH01/00388  <i>Dt.</i> 6/20/01	09/611,629  <i>Dt.</i> 7/7/00	CH	SOFTWIRED AG.	MESSAGING PROXY SYSTEM

<i>NP Appn. No. And Dt.</i>	<i>PCT Appn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant</i>	<i>Tit.</i>
IN/PCT/2002/01562  <b><i>Dt.</i></b> 12/23/02	PCT/US01/06138  <b><i>Dt.</i></b> 2/26/01	09/605,661  <b><i>Dt.</i></b> 6/28/00	US	SHUKLA ATUL J.	BIODEGRADABLE VEHICLES AND DELIVERY SYSTEMS OF BIOLOGICALLY ACTIVE SUBSTANCES
IN/PCT/2002/01563  <b><i>Dt.</i></b> 12/23/02	PCT/EP01/07923  <b><i>Dt.</i></b> 7/10/01	100 34 174.8  <b><i>Dt.</i></b> 7/14/00	DE	KSB AG	PUMPING STATION
IN/PCT/2002/01564  <b><i>Dt.</i></b> 12/23/02	PCT/JP02/04591  <b><i>Dt.</i></b> 5/13/02	2001-143490  <b><i>Dt.</i></b> 5/14/01	JP	MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD.	MULTICARRIER COMMUNICATION METHOD AND MULTICARRIER COMMUNICATION APPARATUS
IN/PCT/2002/01565  <b><i>Dt.</i></b> 12/23/02	PCT/EP01/05923  <b><i>Dt.</i></b> 5/23/01	100 25 700.3  <b><i>Dt.</i></b> 5/26/00	DE	MERCK PATENT GMBH	PROCESS FOR THE PREPARATION OF TRIFLUOROETHOXY-SUBSTITUTED BENZOIC ACIDS

<i>NP Appln. No. And Dt.</i>	<i>PCTAppn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01566  <i>Dt.</i> 12/23/02	PCT/FR01/02294  <i>Dt.</i> 7/16/01	00/09377  <i>Dt.</i> 7/18/00	FR	THOMSON LICENSING S.A.	METHOD OF DETERMINING PARAMETERS OF A SIGNAL OF OFDM TYPE AND ASSOCIATED RECEIVER
IN/PCT/2002/01567  <i>Dt.</i> 12/23/02	PCT/US01/22202  <i>Dt.</i> 7/13/01	09/615,691  <i>Dt.</i> 7/14/00	US	LIFESCAN INC	IMMUNOSENSOR
IN/PCT/2002/01568  <i>Dt.</i> 12/23/02	PCT/US01/21961  <i>Dt.</i> 7/12/01	09/615,691  <i>Dt.</i> 7/14/00	US	LIFESCAN INC	ANTIOXIDANT SENSOR
IN/PCT/2002/01569  <i>Dt.</i> 12/23/02	PCT/US01/21314  <i>Dt.</i> 7/6/01	09/615,691  <i>Dt.</i> 7/14/00	US	LIFESCAN INC	ELECTROCHEMICAL METHOD FOR MEASURING CHEMICAL REACTION RATES

<i>NP Appln. No. And Dt.</i>	<i>PCTAppn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01570 <i>Dt.</i> 12/23/02	PCT/US01/21964 <i>Dt.</i> 7/12/01	09/615,691 <i>Dt.</i> 7/14/00	US	LIFESCAN INC	HEMOGLOBIN SENSOR
IN/PCT/2002/01570-A <i>Dt.</i> 12/23/02	PCT/CA01/00329 <i>Dt.</i> 10/31/02	OCT/CA01/00329 <i>Dt.</i> 10/31/02	CA	DR.PRIM VERMA	DYNAMIC MOLD AND PROCESS
IN/PCT/2002/01571 <i>Dt.</i> 12/24/02	PCT/JP01/03988 <i>Dt.</i> 7/10/01	2000-212246 <i>Dt.</i> 7/13/00	JP	SANKYO COMPANY LIMITED	AMINO ALCOHOL DERIVATIVES
IN/PCT/2002/01572 <i>Dt.</i> 12/24/02	PCT/EP01/04112 <i>Dt.</i> 4/10/01	100 27 024.7 <i>Dt.</i> 5/31/00	DE	MERCK PATENT GMBH	CARBAMIC ACID ESTERS AS INHIBITORS OF FACTOR XA

<i>NP Appln. No. And Dt.</i>	<i>PCT Appn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01573 <i>Dt.</i> 12/24/02	PCT/JP02/04903 <i>Dt.</i> 5/21/02	2001-155413 <i>Dt.</i> 5/24/01	JP	MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD.	BASE STATION APPARATUS, RADIO COMMUNICATION METHOD AND PACKET TRANSMISSION METHOD
IN/PCT/2002/01574 <i>Dt.</i> 12/24/02	PCT/JP02/04590 <i>Dt.</i> 5/13/02	2001-146576 <i>Dt.</i> 5/16/01	JP	MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD.	RADIO BASE STATION APPARATUS AND COMMUNICATION TERMINAL APPARATUS
IN/PCT/2002/01575 <i>Dt.</i> 12/24/02	PCT/US01/23228 <i>Dt.</i> 7/23/01	09/627,312 <i>Dt.</i> 7/27/00	US	LORD CORPORATION	TWO-PART AQUEOUS METAL PROTECTION TREATMENT
IN/PCT/2002/01576 <i>Dt.</i> 12/24/02	PCT/EP00/07059 <i>Dt.</i> 7/22/00	PCT/EP00/07059 <i>Dt.</i> 7/22/00	CH	ABB REASEARCH LTD.	SYSTEM AND METHOD FOR GENERATING AN XML-BASED FAULT

<i>NP Appln. No. And Dt.</i>	<i>PCT Appn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01577  <i>Dt.</i> 12/24/02	PCT/US01/17106  <i>Dt.</i> 5/25/01	60/206,960  <i>Dt.</i> 6/25/00	US	ECHARGE CORPORATION	SECURE TRANSACTION PROTOCOL
IN/PCT/2002/01578  <i>Dt.</i> 12/24/02	PCT/EP01/07652  <i>Dt.</i> 6/20/01	100 32 128.3  <i>Dt.</i> 7/5/00	DE	GIESECKE & DEVRIENT GMBH	ANTIFALSIFICATION PAPER AND SECURITY DOCUMENT PRODUCED THEREFROM
IN/PCT/2002/01579  <i>Dt.</i> 12/24/02	PCT/EP00/07730  <i>Dt.</i> 8/9/00	PCT/EP00/07730  <i>Dt.</i> 8/9/00	CH	ABB RESEARCH LTD.	SYSTEM FOR DETERMINING FAULT CAUSES
IN/PCT/2002/01579-A  <i>Dt.</i> 12/24/02	PCT/EP00/07058  <i>Dt.</i> 7/22/00	PCT/EP00/07058  <i>Dt.</i> 7/22/00	CH	ABB RESEARCH LTD.	SYSTEM FOR SUPPORTING A FAULT CAUSE ANALYSIS

<i>NP Appln. No. And Dt.</i>	<i>PCTAppn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01580  <i>Dt.</i> 12/26/02	PCT/US01/14724  <i>Dt.</i> 5/8/01	09/610,398  <i>Dt.</i> 7/5/00	US	HYDROMER INC	GELS FORMED BY THE INTERACTION OF POLYVINYLPIRROLIDONE WITH CHITOSAN DERIVATIVES
IN/PCT/2002/01581  <i>Dt.</i> 12/26/02	PCT/EP01/08637  <i>Dt.</i> 7/26/01	0018758.3  <i>Dt.</i> 7/31/00	GB	SMITHKLINE BEECHAM PLC	CARBOXAMIDE COMPOUNDS AND THEIR USE AS ANTAGONISTS HUMAN 11CBY RECEPTOR
IN/PCT/2002/01582  <i>Dt.</i> 12/26/02	PCT/US01/17385  <i>Dt.</i> 5/30/01	09/584,453  <i>Dt.</i> 5/31/00	US	BECTON DICKINSON AND COMPANY	MEDICAMENT-LOADED TRANSFERMAL RESERVOIR AND METHOD FOR ITS FORMATION
IN/PCT/2002/01583  <i>Dt.</i> 12/26/02	PCT/AU01/00701  <i>Dt.</i> 6/14/01	PQ 8142  <i>Dt.</i> 6/14/00	AU	QUEENSLAND RAIL	TRACK SLEDDING MACHINE

<i>NP Appln. No. And Dt.</i>	<i>PCTAppn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01584  <i>Dt.</i> 12/26/02	PCT/AU01/00702  <i>Dt.</i> 6/14/01	PQ 8143  <i>Dt.</i> 6/14/00	AU	QUEENSLAND RAIL	ROLLER RAIL CLAMP
IN/PCT/2002/01585  <i>Dt.</i> 12/26/02	PCT/US01/22237  <i>Dt.</i> 7/13/01	60/218,641  <i>Dt.</i> 7/13/00	US	TRANSURGICAL INC	THERMAL TREATMENT METHODS AND APPARATUS WITH FOCUSED ENERGY APPLICATION
IN/PCT/2002/01586  <i>Dt.</i> 12/26/02	PCT/US01/22221  <i>Dt.</i> 7/13/01	60/218,641  <i>Dt.</i> 7/13/00	US	TRANSURGICAL INC	ENERGY APPLICATION WITH INFLATABLE ANNULAR LENS
IN/PCT/2002/01587  <i>Dt.</i> 12/27/02	PCT/ZA01/00091  <i>Dt.</i> 7/9/01	60/217,192  <i>Dt.</i> 7/10/00	ZA	SASOL TECHNOLOGY (PTY) LTD.	PROCESS AND APPARATUS FOR THE PRODUCTION OF DIESEL FUELS BY OLIGOMERISATION OF OLEFINIC FEED STREAMS

<i>NP Appln. No. And Dt.</i>	<i>PCTAppn. No. And Dt.</i>	<i>Priority No. And Dt.</i>	<i>Country</i>	<i>Applicant(s)</i>	<i>Title</i>
IN/PCT/2002/01588  <i>Dt.</i> 12/27/02	PCT/FR01/02269  <i>Dt.</i> 7/12/01	00/09393  <i>Dt.</i> 7/18/00	FR	LAFARGE PLATRES	JOINTING COMPOUND OF PLASTER FOR CONSTRUCTION ELEMENTS, ITS METHOD OF PREPARATION AND METHOD OF PRODUCING A WORK
IN/PCT/2002/01589  <i>Dt.</i> 12/27/02	PCT/EP01/06843  <i>Dt.</i> 6/18/01	00/09256  <i>Dt.</i> 7/13/00	FR	THOMSON LICENSING S.A.	SYSTEM AN DPROCESS FOR ADDRESSING A CENTRAL PROCESSING UNIT OF A MULTI-DEVICE APPLIANCE AND CORRESPONDING APPLIANCE
IN/PCT/2002/01590  <i>Dt.</i> 12/27/02	PCT/US01/18523  <i>Dt.</i> 6/7/01	60/211,439  <i>Dt.</i> 6/13/00	US	CONOCO INC	SOLVING COMPONENT AND SOLVENT SYSTEM FOR MESOPHASE PITCH
IN/PCT/2002/01591  <i>Dt.</i> 12/30/02	PCT/US01/21012  <i>Dt.</i> 6/29/01	60/215,323  <i>Dt.</i> 6/30/00	US	ELAN PHARMACEUTICALS INC & OTHERS	COMPOUNDS TO TREAT ALZHEMERS DISEASE

NP Appln. No. And Dt.	PCTAppn. No. And Dt.	Priority No. And Dt.	Country	Applicant(s)	Title
IN/PCT/2002/01592 Dt. 12/31/02	PCT/US01/21239 Dt. 7/5/01	60/216,444 Dt. 7/6/00	US	LANCER PARTNERSHIP LTD.	METHOD AND APPARATUS FOR TREATING FLUIDS
IN/PCT/2002/01593 Dt. 12/31/02	PCT/US01/22095 Dt. 7/12/01	60/218,016 Dt. 7/12/00	US	CALIFORNIA INSTITUTE OF TECHNOLOGY	METHOD FOR DETERMINING THREE-DIMENSIONAL PROTEIN STRUCTURE FROM PRIMARY PROTEIN SEQUENCE

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.350/KOL/2002A

(22) Date of filing of : 3.6.2002  
application

(54) Title of the Invention : HYDRONIC PUMP TYPE HEAT RADIATOR

(51) International classification : F24F 13/30  
(30) Priority Data :  
(31) Document No. NIL  
(32) Date : NIL  
(33) Name of convention country : NIL  
(66) Filed U/s 5(2) : NIL  
(61) Patent of addition to application No. NA  
(62) Filed on : NA  
(63) Divisional to Application No. : NIL  
(64) Filed on : NA

(71) Name of the Applicant : WANG, CHIN-WEN ; WANG, PEI-CHOA ; WANG, CHING CHUNG

ADDRESS OF THE APPLICANT:

1. 4F-3, NO.9 HSIN FU 1<sup>ST</sup>. PING. JEN CITY, TAO YUAN HSIEN, TAIWAN.  
2. 14-F-3 NO.9 HSIN FU, 1<sup>ST</sup>. PIN JEN CITY, TAO YUAN, TAIWAN.  
3. 14-F NO.9 HSIN FU, 1<sup>ST</sup>. PIN JEN CITY, TAO YUAN, HSIEN TAIWAN.

(72) Name of the Inventors :  
WANG, CHIN- WEN

(57) Abstract :

The present invention provides a hydronic pump type heat radiator, which comprises an outer ring heat spreader, a plurality of outer heat-radiating fins, a plurality of inner heat-radiating fins, a cavity, and a pump. The outer ring heat spreader has an annular wall. The inside of the annular wall has a receiving space. The outer heat-radiating fins are disposed outside the outer ring heat spreader. The inner heat-radiating fins are disposed inside the receiving space of the outer ring heat spreader. The cavity is disposed between the inner heat-radiating fins and the outer ring heat spreader. The cavity is used to receive cooling liquid therein. The pump is properly connected to the cavity, and can drive the cooling liquid in the cavity to make circulative flow so as to quickly transfer heat source and have the heat-radiating function of compulsory flow of liquid.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.351/CAL/2002A

(22) Date of filing of: 03.06.2002  
application

(54) Title of the Invention : NEEDLE HOLDER POSITIONING STRUCTURE FOR A SAFETY SYNTRINGE.

<p>(51) International classification : D03C 1/22 (30) Priority Data :NIL (31) Document No.NA (32) Date :NA (33) Name of convention country :NA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : HSU, FU-KU OF NO. 407, KUO CHI ROAD, SEC.2 TAYUAN HSAING, TAOYUAN HSIEN, TAIWAN, R.O.C  (72) Name of the Inventors : HSU, FU-YU</p>
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(57) Abstract : A needle holder positioning structure for a safety syringe includes a syringe with a neck portion having a top end forming a positioning projecting ring, an inner edge of a lower end of the neck portion upwardly and integrally formed with a forked elastic sleeve, with a rear end inwardly forming hook members, a bottom end of a needle holder for receiving a needle being inwardly provided with a flared hole having a rear end forming an enlarged opening, the bottom end of the needle holder being outwardly provided with a guide face, and an outer side formed with depressions corresponding to the hook members.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.352/CAL/2002A                      (22) Date of filing of : 03.06.2002  
application  
(54) Title of the Invention : DISK STORAGE BARREL

(51) International classification : G23B 23/03 (30) Priority Data : (31) Document No, 20119994.7 (32) Date : 10.12.2001 (33) Name of convention country : GERMANY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant :YANG, CHING LUNG OF NO. 13 LANE 83, HUA CHENG RD, HSINCHUANG, TAIPEI, HSIEN, TAIWAN ,R.O.C (72) Name of the Inventors : YANG, CHING LUNG
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(57) Abstract : A CD storage barrel includes a injection molding plastic base and a barrel housing. The base and the barrel housing are integral form made. The barrel housing engages with the base to form a CD storage barrel. Mostly, important, the base is square corresponding to a square packaging box.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.** 353/CAL/2002A

(22) **Date of filing of :** 03.06.2002  
**application**

(54) **Title of the Invention :** PERCUTANEOUS BIOLOGICAL FLUID SAMPLING AND ANALYTE MEASUREMENT DEVICES AND METHODS

(51) **International classification :** A61J 1/05

(30) **Priority Data :**

(31) **Document No.** 09/878,821

(32) **Date :** 12.6.2001

(33) **Name of convention country :** UNITED STATES OF AMERICA.

(66) **Filed U/s 5(2) :** NIL

(61) **Patent of addition to application No.** NA

(62) **Filed on :** NA

(63) **Divisional to Application No. :** NIL

(64) **Filed on :** NA

(71) **Name of the Applicant :** LIFESCAN, INC. OF 1000, GIBRALTAR, DRIVE, MS3D, MILPITAS, CALIFORNIA 95035, UNITED STATES OF AMERICA.

(72) **Name of the Inventors :**

1. KISER, ERNEST.

2. LEONG, KOON-WAH

(57) **Abstract :** A device for sampling a biological fluid and measuring at least one target constituent within the biological fluid. The device has at least one electrochemical cell having an inner electrode and an outer electrode in a concentrically-spaced relationship. In a preferred embodiment, the outer electrode has a cylindrical configuration having an open distal end and the inner electrode has an elongated configuration positioned co-axially within the outer electrode and a distal end configured to penetrate the skin. The spacing between the electrodes exerts a capillary force on biological fluid present at the open distal end of the outer electrode. A system is also provided which includes a control unit in electrical communication with the electrochemical cell for controlling the selection and measurement of the target constituent. Methods of sampling of biological fluids within the skin and measuring the sampled fluids are also provided, as well as kits comprising one or more of the inventive devices and/or systems.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.356/CAL/2002A

(22) Date of filing of : 04.06.2002  
application

(54) Title of the Invention : MODIFIED MAT GRASS AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification : D01C 1/02

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant :INDIAN  
INSTITUTE OF TECHNOLOGY,  
KHARAGPUR 721 302, WEST BENGAL,  
INDIA  
AND  
CHILD AND SOCIAL WELFARE  
SOCIETY MARKANDACHAK, PO-  
BISHNUPUR BAZAR, DIST. MIDNAPUR,  
WEST BENGAL, INDIA

(72) Name of the Inventors :  
DE DEBASHIA AND ADHIKARI  
BASUDAM

(57) Abstract : According to this invention is provided modified mat ,grass by incorporation or resins.

According to this invention is further provided a process for the preparation of modified mat grass,

comprising a process for the preparation of modified mat glass comprising soaking the mat grass in a

solution of a polymer prepolymer or monomer. subjecting the soaked mat grass to curing to obtain the

modified mat grass. In accordance with this invention, mats sticks are impregnated prepolymer such as

phenol formaldehyde resin, polyVinyl alcohol. polyVinyl acetate, polyacrylonitrile, polystyrene,

polyacrylamide, nylon 6 and polyurethane.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 359/CAL/2002A

(22) Date of filing of : 05.06.2002  
application

(54) Title of the Invention : SANITARY NAPKIN WITH ADJUSTABLE LENGTH INTERGLUTEAL STRIP

(51) International classification : A61F- 13/15

(30) Priority Data :

(31) Document No. 09/879,494

(32) Date : 12.6.2001

(33) Name of convention country : UNITED STATES OF AMERICA.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : MCNEIL PPC, INC. OF GRANDVIEW ROAD, SKILLMAN, NJ 08558, UNITED STATES OF AMERICA.

(72) Name of the Inventors :

1. GELL CAROL B.

2. HOUSTON SAFIYYA SHABAZZ.

3. BARR JAMES P.

4. GLASGOW TARA

5. HULL RAYMOND J. JR

6. NIKITINA MARINA

7. MAVINKURVE PRAMOD S.

8. PELLEY KENETH ANTHONY.

9. ROSE KENDRA S.

10. TAYLOR MARTHA.

(57) Abstract : A sanitary napkin has strip that extends rearwardly to reside in the intergluteal crevice. The pad is sized and configured to fit snugly against the wearer's body without penetrating the vaginal orifice. The orifice. The strip provides improved body contact thus providing similar protection with a smaller pad and a discretion benefit to the user. The invention provides various alternative mechanisms for varying the length of the strip by the user.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.360/CAL/2002A

(22) Date of filing of : 06.06.2002  
application

(54) Title of the Invention : A METHOD AND AN APPARATUS FOR ANALYSING A MATERIAL

(51) International classification : G01N 23/02  
194 C9

(30) Priority Data :

(31) Document No.PN2262

(32) Date :07.04.1995

(33) Name of convention country:  
AUSTRALIA

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. : 631/CAL/96

(64) Filed on : 08.04.1996

(71) Name of the Applicant :  
TECHNOLOGICAL RESOURCES PTY  
LIMITED, OF 55, COLLINS STREET,  
MELBOURNE, VICTORIA 3000,  
AUSTRALIA.

(72) Name of the Inventors :  
PIDCOCK ANDREA GABRIELLE

(57) Abstract : A method and an apparatus for analysing a material, such as coal and iron ore, particularly with a view to identifying contaminants, is disclosed. The method and apparatus are based on the use of multiple (particularly dual) energy X-ray analysis with x-rays at different photon energies. X-rays are transmitted through a material and the detected x-rays are processed to produce an image of the material that combines together the separate images produced by the different photon energy x-rays. The combined image has enhanced contrast which minimises the affects of non-compositional factors that otherwise would affect identifying constituent of the material.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.361/CAL/2002A (22) Date of filing of : 06.06.2002 application

(54) Title of the Invention : THREE-VALVE ENGINE COMBUSTION CHAMBER

(51) International classification : F02D 29/00	(71) Name of the Applicant : CHONGQING
(30) Priority Data :	LIFAN INDUSTRY (GROUP) CO. LTD. OF
(31) Document No.02113222.4	NO 60 ZHANGJIAWAN SHANGAI AO,
(32) Date :09.01.2002	SHAPINGBA, DISTRICT CHONGQING
(33) Name of convention country :CHINA	CITY 400037, PEOPLES REPUBLIC OF
(66) Filed U/s 5(2) :NIL	CHINA
(61) Patent of addition to application No. NA	(72) Name of the Inventors :
(62) Filed on :NA	1. YIN MINGSHAN.
(63) Divisional to Application No. :NIL	2. ZHANG YU
(64) Filed on :NA	

(57) Abstract : The present invention discloses a three-valve engine combustion chamber, characterized in that a combustion chamber (1) is composed of a inclined surface (9) and a spherical surface (10), the inclined surface (9) is provided with two intake valves (6), the spherical surface (10) is provided with one exhaust valve. A spark plug (8) is located between the intake valves (6) and the exhaust valve (7). The present invention can decrease the ratio between the surface area and the volume of the combustion chamber, reduce the combustion dead space, and enhance the combustion efficiency. In addition, it has the advantages 'of reasonable arrangement of the valves in the combustion chamber and simple structure.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.362/CAL/2002A (22) Date of filing of : 10/06/2002 application

(54) Title of the Invention : "HEAT SINK"

(51) International classification :H01L 23/26	(71) Name of the Applicant : WONG,
(30) Priority Data :	TIENG CHEE, OF 9, LORONG 31, TAMAN
(31) Document No. PI 20012831	PATANI, JAYA, 08000, SUNGAI PETANI,
(32) Date : 15/06/2001	KEDAH, MALAYSIA.
(33) Name of convention country :Malaysia	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	WONG, TIENG CHEE.
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : A heat sink is manufactured by forming a fin 2 for dissipating heat by separating a length of material from a substrate 1 while leaving the proximal end attached to the substrate 1. The fins are cut from the substrate by stamping process using the stamping single or progressive die tooling cutting the substrate 1 along dotted line 16. The heat sink is a unitary construction, with the fins 2 being integrally formed with the substrate 1.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.363/CAL/2002A

(22) Date of filing of : 11/06/2002  
application

(54) Title of the Invention : "HAND GRIPPABLE COMBINED KEYBOARD AND GAME CONTROLLER"

(51) International classification :G09G 005/00	(71) Name of the Applicant : ALPHAGRIP, INC., OF 11521 POTOMAC ROAD MASON NECK, VIRGINIA- 22079, U.S.A.
(30) Priority Data :	
(31) Document No. 09/883,929	
(32) Date : 20/06/2001	(72) Name of the Inventors :
(33) Name of convention country :USA	1. MICHAEL A. WILLNER.
(66) Filed U/s 5(2) :NIL	2. SCOTT M. ARNEL.
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : A hand grippable combined keyboard and game controller system (100,100') includes a pair of housings (102 and 104). One housing (102) is provided with a first surface portion which carries a group of first control switches (114) and a hand grip portion (110) which carries a group of third control switches (118). The other housing (104) includes a first surface portion (108) which carries a group of second control switches (116) and hand grippable portion (112) which carries a group of fourth control switches (120). The signals from the groups of first control switches (114), second control switches (116), third control switches (118), and fourth control switches (120) define all of the lowercase alphabetic characters of an alphabet, which signals are generated without the use of chording. One housing (102) is provided with a connecting portion (178, 178') and the other housing (104) is provided with a connecting portion (180, 180'), the complementary connecting portions allowing the two housings (102 and 104) to be releasably joined together, or alternately releasably coupled to an adaptor (210).the adaptor (210) provides a docking port for coupling to a palm/tablet sized computing device (10).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 364/CAL/2002A

(22) Date of filing of : 11/06/2002  
application

(54) Title of the Invention : "AUTOMATED MANAGEMENT OF DEVELOPMENT PROJECT FILES OVER NETWORK"

(51) International classification : G06F 17/60, 9/44.

(30) Priority Data :

(31) Document No. 09/881,250

(32) Date : 13/06/2001

(33) Name of convention country : USA

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : RICOH COMPANY LTD., OF 3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555, JAPAN.

(72) Name of the Inventors : MOTOYAMA TETSURO

(57) Abstract : A technique is provided for managing a project schedule for a development project based on the aggregation of individual task schedules, where the individual task schedules are updated based on inspection results from two or more inspectors specified to inspect a project task product. The schedules, and consequently the updates thereof, are governed by a policy specifying that a task cannot be partially completed. The inspection results are linked to the individual task schedules, which are linked to the associated project schedule.

Another technique is provided, for managing project files over a network. Acceptance of a project proposal triggers the creation of individual sites for each individual specified to contribute to the project where individual task schedules and draft project files can be linked to the individual site. Furthermore, the individual sites are linked to a project site and associated file directories are created and also linked to the project site.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.366/CAL/2002A

(22) Date of filing of : 11/06/2002  
application

(54) Title of the Invention : "THERMAL PROTECTIAVE COMPOSITIONS AND METHODS FOR OBTAINING THERMAL/FIRE RESISTANT SUBSTRATES"

(51) International classification :C08K 003/02, C09D 005/18

(30) Priority Data :

(31) Document No. 494, 993

(32) Date : 27/06/95

(33) Name of convention country :USA

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :1152/CAL/96

(64) Filed on :20/06/96

(71) Name of the Applicant : NU-CHEM INC., OF 2200, CASSENS DR., FENTON, MISSOURI 63026, U.S.A.

(72) Name of the Inventors :  
DEOGON MALKIT S.

(57) Abstract : There is disclosed a thermal protective composition comprising a binder which softens when exposed to thermal extremes, a blowing agent which forms a gas when exposed to thermal extremes, land a drying oil containing at least two conjugated double or triple bonds.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.367/CAL/2002A

(22) Date of filing of : 12/06/2002  
application

(54) Title of the Invention : "DEVICE AT A CLEARER, A CARD OR THE EQUIVALENT FOR CLEANING AND OPENING OR TEXTILE MATERIALS, SPECIALLY COTTON."

(51) International classification :D01G 5/00

(30) Priority Data :

(31) Document No. 10132711

(32) Date : 05/07/01

(33) Name of convention country :GERMANY

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant : TRUTZSCHLER GMBH &amp; CO. KG., OF DUVENSTRASSE 82-92, D-41199 MONCHENGLADBACH, GERMANY.

(72) Name of the Inventors :  
1. HERR SCHURENKRAMER MICHAEL,  
2. HERR STEINERT THOMAS.

(57) Abstract : In a device at a card, a clearer or the equivalent, for identifying and removing of disturbing particles, particularly trash items, shell neps, seed residuals and the equivalent in or rather out of textile fibre materials over the breadth at least one detector equipment as for example a camera, with an electronic evaluation equipment for identifying and downward an eliminating equipment for removal of particles are present.

In order to improve the working of eliminating equipment in simple way between the camera and the eliminating equipment over the breadth a multiple number of guide items are present, which would like to deflect selectively the areas of fibre materials with the disturbing particles.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.368/CAL/2002A

(22) Date of filing of : 12/06/2002  
application

(54) Title of the Invention : "LOW INTERNAL IMPEDANCE CURRENT POOL FOR A CHARGING/DISCHARGING DEVICE."

<p>(51) International classification : H01M 2/20, H02J 7/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.</p> <p>(32) Date :</p> <p>(33) Name of convention country :</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : YANG TAI-HER, OFNO. 59, CHUNG HSING 8 ST., SI-HU TOWN, DZAN-HWA, TAIWAN, RELPUBLIC OF CHINA.</p> <p>(72) Name of the Inventors : YANG TAI-HER</p>
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(57) Abstract : Storage/discharge device whereof the low impedance current pool compartment is meant for application in common primary cell or secondary rechargeable cell or fuel cell, or still in a capacitor or super capacitor, otherwise similar charging/discharging device, and the electrode boards feature one or more current pool means to yield multiple confluent current paths, characterized in that by connecting in parallel current pool terminals or identical voltage rating and of electrode boards of like polarities from tanks of like polarities or from tanks of dissimilar polarities, or alternatively by series connection or compound serial/parallel combination of current pool terminals way between electrode boards of dissimilar polarities a low impedance structure for input/output current pool is achieved on the exteriority of the positive or negative polarity electrode boards on both sides of individually installed electrode tanks.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.369/CAL/2002A

(22) Date of filing of : 13/06/2002  
application

(54) Title of the Invention : "IMPROVED TEST DEVICE AND METHODS OF USE THEREOF."

<p>(51) International classification : C12Q 001/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/884,368</p> <p>(32) Date : 19/06/01</p> <p>(33) Name of convention country :USA</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : LIFESCAN INC., 1000 GIBRALTAR DRIVE, MS3D, MILPITAS, CALIFORNIA 95035, U.S.A.</p> <p>(72) Name of the Inventors :</p> <p>1. HAVILAND, ALAN</p> <p>2. HUFFORD, WILLIAM</p> <p>3. BENNETT, GREGORY</p> <p>4. BIRD, DENNIS.</p>
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(57) Abstract : Devices, systems, methods and kits are provided for use in determining the concentration of chemical and biochemical components in aqueous fluids. The subject devices include test strips which define a longitudinal axis and include a distal edge configured for insertion into a measurement instrument and having an alignment notch formed in the distal edge for engagement with an alignment member of the measurement instrument. The alignment notch has opposing edges wherein at least a portion of the opposing edges is in substantially parallel relation to the longitudinal axis. In using the subject devices, the devices are inserted into a measurement instrument having an alignment pin. When operatively engaged with the alignment pin, the notch serves to maintain the device in a substantially motionless position. The invention is useful in a variety of applications, particularly in the determination of blood glucose concentrations.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.370/CAL/2002A (22) Date of filing of : 17/06/2002  
application

(54) Title of the Invention : "FASTENER RETAINER ASSEMBLY."

(51) International classification : H01L 23/40	(71) Name of the Applicant : HEWLETT-PACKARD COMPANY, OF 3000 HANOVER STREET, PALO ALTO, CALIFORNIA 94304, U.S.A.
(30) Priority Data :	
(31) Document No. 09/920424	
(32) Date : 31/07/01	
(33) Name of convention country :USA	
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	HEGDE SHANKAAR
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : A retainer assembly for retaining a fastener that includes a shank having a recessed portion therein is disclosed. The retainer assembly includes an inner wall that is inset from and outer wall and is symmetrically positioned about an axis defining a chamber through the retainer body. The chamber includes opposed entrance and exit apertures. The inside wall includes a first inside diameter that extends from the entrance aperture in a direction along the axis and narrowing to a second inside diameter at a slip-over profile, and the inner wall narrowing again to a third inside diameter at an annular ring that extends to the exit aperture. The fastener is inserted through the entrance aperture until the shank engages and then slips over the slip-over profile and through the annular ring so that the recessed portion of the shank is captured within the annular ring.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.371/CAL/2002A (22) Date of filing of : 17/06/2002  
application

(54) Title of the Invention : "SPRING CLIP FOR A COOLING DEVICE."

(51) International classification : H05K 007/20	(71) Name of the Applicant : HEWLETT-PACKARD COMPANY, OF 3000 HANOVER STREET, PALO ALTO, CALIFORNIA 94304, U.S.A.
(30) Priority Data :	
(31) Document No. 09/916477	
(32) Date : 27/07/01	
(33) Name of convention country :USA	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	HEGDE SHANKAR
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : A spring clip that has rocking and force profiles with attachment configurations is disclosed. The spring clip made out of spring quality material such as stainless steel and the spring clip includes special provisions for mounting a cylindrical cooling device (i.e. a heat sink). Swinging arm principles are used to form force profiles that ensure that a load center of the clip is always on a fulcrum axis thereby focusing the force of the clip on a required load axis. The spring clip can accommodate higher manufacturing deviations without sacrificing the functional requirements. Moreover, the spring clip allows the heat sink to be inserted and then rotated in order to mount the heat sink on the component to be cooled thereby ensuring easy insertion of the heat sink and easy removal of the heat sink when the component being cooled requires replacement or repair. The spring clip can be manufactured at a low cost using stamping and forming processes.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.372/CAL/2002A

(22) Date of filing of : 17/06/2002  
application

(54) Title of the Invention : "HIGH PERFORMANCE COOLING DEVICE."

(51) International classification : F28F 007/00,013/12, F28H 003/02, H05K 007/20 (30) Priority Data : (31) Document No. 09/916932 (32) Date : 27/07/01 (33) Name of convention country :U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : HEWLETT-PACKARD COMPANY, OF 3000 HANOVER STREET, PALO ALTO, CALIFORNIA 94304, U.S.A.  (72) Name of the Inventors : HEGDE SHANKAR
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(57) Abstract : A low-cost, fan assisted cooling device is disclosed. The cooling device includes a narrow bottom and broad top shape to optimize a material versus performance ratio. A plurality of vanes surround a central heat mass and an inside surface of the vanes define a chamber that surrounds the heat mass. A portion of each vane is split into a plurality of fins and both the vanes and the fins have a surface area that increase in a radially outward direction from an axis of the heat mass. The heat mass includes a boss that is surrounded by a groove. Both the boss and the groove have arcuate surface profiles. The vanes, the fins, the boss, and the groove efficiently dissipate heat when a fan or the like forces air into the chamber thereby producing air flows in three different directions. In a first direction, the air flows out of the chamber through the vanes. In a second direction, a low pressure region in the chamber induces air from outside the chamber to flow through the fins. In a third direction, the low pressure region induces an airflow over the groove and boss. Openings between the vanes are angled and offset from an orientation of the fans blades to minimize the airflow shock losses thereby reducing fan noise. The vanes and the fins can be homogeneously formed with the heat mass.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.373/CAL/2002A

(22) Date of filing of : 17/06/2002  
application

(54) Title of the Invention : "ELECTRICAL CONTACT."

(51) International classification : H01R 12/22, 13/24 (30) Priority Data : (31) Document No. 09/917361 (32) Date : 27/07/01 (33) Name of convention country :USA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : HEWLETT-PACKARD COMPANY, OF 3000 HANOVER STREET, PALO ALTO, CALIFORNIA 94304, U.S.A.  (72) Name of the Inventors : 1. CLEMENTS BRADLEY E. 2. WHITE JOSEPH M.
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(57) Abstract : An electrical contact 106 is designed with a plurality of upstanding legs 108 such that when compressed, the spiral legs 108 create a rotation of the top of the contact resulting in a wiping action to the contacting device or pad. The resulting micro-spider contact may be used for a wide variety of non-permanent or permanent electrical connection purposes including use in construction of an interposer.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.374/CAL/2002A

(22) Date of filing of : 17/06/2002  
application

(54) Title of the Invention : "METHOD FOR THE FABRICATION OF ELECTRICAL CONTACTS."

(51) International classification : H01B 13/00, H01L 21/4763 (30) Priority Data : (31) Document No. 09/917357 (32) Date : 27/07/01 (33) Name of convention country :USA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : HEWLETT- PACKARD COMPANY, OF 3000 HANOVER STREET, PALO ALTO, CALIFORNIA 94304, U.S.A.  (72) Name of the Inventors : 1. CLEMENTS BRADLEY E. 2. WHITE JOSEPH M.
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(57) Abstract : A method for the fabrication of electrical contacts 300 using metal forming, masking, etching, and soldering techniques is presented. The method produces a plurality of specialized electrical contacts 300, capable of use in an interposer, or other device, including non-permanent electrical connections providing contact wipe, soft spring rates, durability, and significant amounts of travel.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.375/CAL/2002A

(22) Date of filing of : 17/06/2002  
application

(54) Title of the Invention : "METHOD FOR THE FABRICATION OF ELECTRICAL CONTACTS."

(51) International classification : H01B 13/00, H01L 21/4763 (30) Priority Data : (31) Document No. 09/917093 (32) Date : 27/07/01 (33) Name of convention country :USA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : HEWLETT- PACKARD COMPANY, OF 3000 HANOVER STREET, PALO ALTO, CALIFORNIA 94304, U.S.A.  (72) Name of the Inventors : 1. CLEMENTS BRADLEY E. 2. WHITE JOSEPH M.
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(57) Abstract : A method for the fabrication of electrical contacts 700 using metal forming, masking etching, and soldering techniques is presented. The method produces a plurality of specialized electrical contacts 700, capable of use in an interposer, or other device, including non-permanent or permanent electrical connections providing contact wipe, soft spring rates, durability, and significant amounts of travel.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.376/CAL/2002A

(22) Date of filing of : 17/06/2002  
application

(54) Title of the Invention : "CONTENTS DOWNLOADING SYSTEM AND METHOD THEREOF."

(51) International classification : G06F 17/00	(71) Name of the Applicant : SAMSUNG
(30) Priority Data :	ELECTRONICS CO. LTD., OF 416,
(31) Document No. 2001-42489	MAETAN-DONG, PALDAL-GU, SUWON-
(32) Date 13/07/01	CITY, KYUNGKI-DO, REPUBLIC OF
(33) Name of convention country :KOREA	KOREA.
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. LEE JU-YUP
(62) Filed on :NA	2. KIM JONG-PHIL
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : A contents downloading system and a method thereof. According to the system, when a media device is connected to a detachable user terminal device, a device identifier is transmitted to the user terminal device from the media device. The user terminal device then transmits the device identifier to a server device that provides contents corresponding to the device identifier, and the server device transmits the contents selected based on the device identifier and an environment to download configured by a user. Since the media device is automatically connected to a specific website providing every kind of contents necessary for each media device based on the device identifier of the media device, the user can download the contents ;more conveniently without driving a web browser or selecting contents to be downloaded.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.378/CAL/2002A (22) Date of filing of : 18/06/2002 application

(54) Title of the Invention : "METHOD FOR MANUFACTURING THERMOPLASTIC PASTE SPREADER AND APPLICATION OF PRODUCT."

<p>(51) International classification : B32B 27/12,27/30  (30) Priority Data :  (31) Document No. NA  (32) Date NA  (33) Name of convention country :NA  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : TSAI, PENG CHIA OF 9, SUBLANE 202, LANE 528, HO PING ROAD PA THE, TAOYUAN HSIEN, TAIWAN, R.O.C.  (72) Name of the Inventors : TSAI, PENG CHIA</p>
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(57) Abstract : A method for manufacturing the thermoplastic paste spreader and the application of product mainly comprises a frame on which a main roller is mounted along with a scraper on its side and a thermoplastic paste supply apparatus on its top. An up-pressing roller is installed directly under the main roller, a pair of laminating-calender is outfitted in the front of the main roller, and a cooling roller is provided at the further front. This invention realizes a great economy in which what a total amount of the thermoplastic resin consumed is what a total amount melted, no waste will be produced. The thermoplastic resin is heated once at all and the heat is evenly distributed in the melted paste with no carbonization, yellow discoloration and paste dripping. This invention saves power energy and thermoplastic consumption ensure high quality and application for multiple purposes.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.379/CAL/2002A (22) Date of filing of : 18/06/2002 application

(54) Title of the Invention : "ACTIVATED REC-D-HYDANTOINASES."

<p>(51) International classification : C12N 9/86,15/55  (30) Priority Data :  (31) Document No. 10130169.3  (32) Date : 22/06/01  (33) Name of convention country :Germany  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : DEGUSSA AG., OF BENNIGSENPLATZ 1, DE-40474 DUSSELDORF, GERMANY.  (72) Name of the Inventors :  1. MAY, DR. OLIVEFR  2. BOMMARIUS, PROF. DR. ANDREAS  3. DRAUZ, PROF, KARLHEINZ  4. SIEMANN-HERZBERG DR. MARTIN  5. SYLDATK, PROF. DR. CHRISTOPH  6. WERNER, MARKUS  7. ALTENBUCHER, DR. JOSEF.</p>
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(57) Abstract : The present invention relates to rec-hydantoinases which may be obtained in more active form by specific process. The invention also relates, inter alia, to a rec-hydantoinase from the organism *Arthrobacter crystallopoietes* DSM20117, to nucleic acids which code for such a protein and to vectors containing said nucleic acids and to uses thereof.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.380/CAL/2002A (22) Date of filing of : 20.6.2002  
application  
(54) Title of the Invention : THE MEDICAL EFFECT OF JOJOBA OIL

(51) International classification : A61K 35/78 (30) Priority Data : (31) Document No. 750 (32) Date :07.09.2001 (33) Name of convention country : EGYPT (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant :SOUTH EGYPT DRUG INDUSTRIES CO (SEDICO) S.A. E. CO-1 ADMINISTRATION & FACTORIES; FIRST INDUSTRIAL ZONE 6, OCTOBER CITY EGYPT P,O BOX 43, EGYPT (2) EGYPTIAL NATURAL OIL CO. (NATOIL) OD S.A.E CO-2 RAMDADAN CITY 2C DEPARTMENT A. SAMPLE A TEN.  (72) Name of the Inventors : 1. MR. NABIL SADEK EI MOGY.
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(57) **Abstract** : Jojoba oil, a natural product, is characterized by being non-irritant and non-allergic to skin and mucous membrane. This oil has lubricant, moisturizing and soothing properties, as well as an antibacterial, anti-inflammatory, and anti-oxidant properties. It has a very high healing power and improves blood circulation and also has high penetration into stratum corneum

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 488/MUM/2002 A (22) Date of filing of Application: 03/06/2002

(54) Title of the invention: AN ELECTROMAGNETIC CONTRACTOR WITH A LOCKABLE ARRANGEMENT IN "OFF" STATE.

<p>(51) International classification: HO1H 50/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>LARSEN &amp; TOUBRO LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>L &amp; T HOUSE, BALLARD ESTATE, MUMBAI – 400 001, MAHARASHTRA STATE, INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) VAIYAPURIPILLAI THANDAPANI 2) SHUBHO SANYAL</b></p>
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(57) Abstract : The present invention concerns an electromagnetic contactor, comprising of a moving bridge (1), which carries the moving contacts. An arc shield (2) is fastened to the front housing (3) by means of screws (4). A top cover (5) is secured to the arc shield by way of sliding fit. A transparent lid (6) is press fitted to the top cover, which is provided with a rectangular opening (8). The rectangular opening (8) provides an access to the key (7). Once the key is inserted through the rectangular opening, rotation of key through 90 in clockwise direction enables locking of the bridge in "OFF" state of the contactor. Such a feature helps in preventing inadvertent closing of the contactor.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 489/MUM/2002 A (22) Date of filing of Application: 03/06/2002,

- (54) Title of the invention: A PROCESS FOR PREPARING A NOVEL PHARMACEUTICAL COMPOSITION CONTAINING 4-AMINOQUINOLINES, THEIR DERIVATIVES, ISOMERS OR CHEMICAL SALTS FOR EXTERNAL APPLICATION IN INFLAMMATORY DISORDERS OF EYE.

(51) International classification: C07D 215/44	(71) Name of the Applicant:
(30) Priority Data :	DR. RAJEEV RAUT
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	MANISHA BUILDING, 1 <sup>ST</sup> FLOOR,
(33) Name of convention country : NIL	BEHIND COFFEE HOUSE, 2A,
(66) Filed U/s. 5(2): NO.	MOLEDINA ROAD, PUNE CAMP, PUNE-
(61) Patent of addition to application No.: NIL	411 001, MAHARASHTRA STATE, INDIA
(62) Filed on : N.A.	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	1) DR. RAJEEV RAUT.
(64) Filed on: N.A.	

(57) Abstract : A process for preparing novel pharmaceutical composition containing 4-aminoquinolines, its derivatives, isomers or chemical salts for external application in inflammatory disorders of eye comprising mixing between 0.001 nanograms per ml. And 1.00mg. Per ml of active agents consisting of 4-aminoquinolines compounds such as amodiaquine or chloroquine or its derivatives or its salts and isomers such as Hydroxychloroquine sulphate or Chloroquine phosphate along with water.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 490/MUM/2002 A (22) Date of filing of Application: 03/06/2002

(54) Title of the invention: OIL-BASED SUSPENSION CONCENTRATES

<p>(51) International classification: A01N 43/78</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10129855.2</p> <p>(32) Date : 21/06/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>D-51368 LEVERKUSEN, GERMANY</b> <b>A GERMAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <p><b>(1) RONALD VERMEER</b> <b>(2) PETER BAUR</b> <b>(3) FRANK ROSENELDT</b></p>
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- (57) Abstract : New oil-based suspension concentrates, consisting of
- at least one agrochemical active compound which is solid at room temperature,
  - at least one penetration promoter,
  - at least one vegetable oil,
  - at least one non-ionic surfactant or dispersing aid and/or at least one anionic surfactant or dispersing aid and
  - optionally one or more additives from the groups consisting of the emulsifying agents, the antifoam agents, the preservatives, the antioxidants, the colourants and/or the inert filling materials,
- a process for the preparation of these suspension concentrates and their use for the application of the active compounds contained.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 491/MUM/2002 A (22) Date of filing of Application: 03//06/2002

(54) Title of the invention: COMPOUND FORMABLE DECORATIVE LAMINATE

(51) International classification: D04D 9/00	(71) Name of the Applicant:  PREMARK RWP HOLDINGS, INC.  Address of the Applicant:  1300 MARKET STREET, WILMINGTON, DELWARE 19801, U.S.A, AMERICAN COMPANY
(30) Priority Data :	
(31) Document No.: 09/683, 735	
(32) Date : 07/02/2002	
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : NO.	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. ROBERT R. KREBS
(62) Filed on : N.A.	2. MICHAEL E. INGRIM
(63) Divisional to Application No.: NIL	3. ERNEST L. PHELPS
(64) Filed on: N.A.	4. VIRGIL B. CANADY
	5. BILLY JOE BILLECK

(57) Abstract : A compound formable decorative laminate includes a resin impregnated decorative layer composed of a bilaterally stretchable decorative paper and a resin impregnated core layer composed of a bilaterally stretchable kraft paper. The laminate is used in the manufacture of various articles requiring molding about a compound surface.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 492/MUM/2002 A (22) Date of filing of Application: 03//06/2002

(54) Title of the invention: **POLYCARBONATES, POLYESTER CARBONATES AND POLYESTERS HAVING BRANCHED TERMINAL GROUPS.**

(51) International classification: C08G 64/00	(71) Name of the Applicant:  BAYER AKTIENGESELLSCHAFT  Address of the Applicant:  D-51368 LEVERKUSEN, GERMANY A GERMAN COMPANY
(30) Priority Data :	
(31) Document No.: 101 28705.4	
(32) Date : 13/06/2001	
(33) Name of convention country : GERMANY	
(66) Filed U/s. 5(2) : NO.	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. HELMUTWERNER HEUER
(62) Filed on : N.A.	2. ROLF WEHRMANN
(63) Divisional to Application No.: NIL	3. ALEXANDER MEYER
(64) Filed on: N.A.	4. HARALD PIELARTZIK
	5. FRIEDRICH-KARL BRUDER
	6. JOS. M.J. PAULUSSE

(57) **Abstract** : The use of phenols having a branched structure as terminal groups in polycarbonates, polyester carbonates and polyesters is disclosed. Also disclosed are polycarbonates, polyester carbonates and polyesters having such branched terminal groups, the process for their production and molded parts made therefrom.

**Figure** : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 493/MUM/2002 A (22) Date of filing of Application: 03/06/2002

(54) Title of the invention: **PROCESS OF PREPARING AN AQUEOUS EXTRACT AND PILLS FROM ENICOSTEMMA LITTORALE**

<p>(51) International classification: A 61 K 35/78</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) VAIDYA DILIPBHAI S. MEHTA 2) PROF. (DR.) RAMESH K. GOYAL 3) DR. UMESH MANHARLAL UPADHYAY</p> <p>Address of the Applicant:</p> <p>1) YASH REMEDIES PVT. LTD. GODOWN NO. 1, UNDER CHAMUNDA BRIDGE, BEHIND AMDUPURA POLICE CHOWKY, SARASPUR SIDE, NARODA ROAD, AHMEDABAD-380025, GUJARAT, INDIA 2) DEPARTMENT OF PHARMACOLOGY, L.M. COLLEGE OF PHARMACY, NAVRANGPURA, AHMEDABAD-380009, GUJARAT, INDIA 3) SMT. R.D. GARDI GOVERNMENT DIPLOMA PHARMACY COLLEGE, LAKHTAR, DIST. SURENDRA NAGAR, PIN-382775, GUJARAT, INDIA.</p> <p>(72) Name of the Inventors :</p> <p>1) VAIDYA DILIPBHAI S. MEHTA 2) PROF. (DR.) RAMESH K. GOYAL 3) DR. UMESH MANHARLAL UPADHYAY</p>
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(57) Abstract : A novel process of preparation of an aqueous extract from *Enicostemma littorale* (Family Gentianaceae) is developed. The aqueous extract was evaluated for various biochemical parameters on the Non-insulin dependent diabetes mellitus (NIDDM) model of rats. The pills are prepared from that aqueous extract and then clinical studies are undertaken on Type 2 diabetic patients.

The aqueous extract and Pills prepared from *E. littorale* are found to be improving insulin sensitivity, disturbed lipid profile and kidney dysfunctions of NIDDM models of rats and Type 2 diabetic patients.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 494/MUM/2002 A	(22) Date of filing of Application: 04/06/2002
(54) Title of the invention: A PROCESS FOR THE PREPARATION OF PHARMACEUTICAL COMPOSITION FOR CONTROLLED DRUG DELIVERY SYSTEM.	
<p>(51) International classification: A61K 9/24,</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>J. B. CHEMICALS &amp; PHARMACEUTICALS LTD.</b></p> <p>Address of the Applicant:</p> <p><b>NEELAM CENTRE, 'B' WING, 4<sup>TH</sup> FLOOR, HIND CYCLE ROAD, WORLI, MUMBAI 400 025, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors :</p> <p><b>1) MEHTA BHARAT PRAVINCHANDRA 2) DÖSHI MADHUKANT MANSUKHLAL 3) JOSHI MILIND DATTATRAYA</b></p>

(57) Abstract : The present invention describes process for preparation of a novel controlled release multilayer composition that is capable of delivering a first active agent from one layer immediately followed by continuous controlled delivery of second active agent from matrix forming layer while the dosage form floats and is retained in the fluid of the environment. The process for preparation of floating bilayer system is described that comprises of immediate release layer containing one active agent and a disintegrating agent whereas second floating matrix forming layer comprises a gas generating component, a gelling agent, and a second active agent. The present invention relates more particularly to a process for preparation of controlled release fluoroquinolone compositions, which maintain a therapeutically effective blood concentration of fluorouinolone with once a day administration.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 495/MUM/2002 A (22) Date of filing of Application: 04/06/2002

(54) Title of the invention: **PHARMACEUTICAL COMPOSITION FOR THE CONTROLLED DRUG DELIVERY SYSTEM.**

(51) International classification: A61J 3/10	(71) Name of the Applicant:  <b>J. B. CHEMICALS &amp; PHARMACEUTICALS LTD.</b>
(30) Priority Data :	<b>Address of the Applicant:</b>
(31) Document No.: NIL	<b>NEELAM CENTRE, 'B' WING, 4<sup>TH</sup> FLOOR, HIND CYCLE ROAD, WORLI, MUMBAI 400 025, MAHARASHTRA, INDIA</b>
(32) Date : N.A.	(72) Name of the Inventors :
(33) Name of convention country : NIL	<b>1) MEHTA BHARAT PRAVINCHANDRA 2) DOSHI MADHUKANT MANSUKHLAL 3) JOSHI MILIND DATTATRAYA</b>
(66) Filed U/s. 5(2) : YES.	
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The present invention describes a novel controlled release multilayer composition that is capable of delivering a first active agent from one layer immediately followed by continuous controlled delivery of second active agent from matrix forming layer while the dosage form floats and is retained in the fluid of the environment. The floating bilayer system comprises of immediate release layer containing one active agent and a disintegrating agent whereas second floating matrix forming layer comprises a gas generating component, a gelling agent, and a second active agent. The present invention relates more particularly to a process for preparation of controlled release fluoroquinolone compositions, which maintain a therapeutically effective blood concentration of fluoroquinolone with once a day administration.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 496/MUM/2002 A (22) Date of filing of Application: 04/06/2002
- (54) Title of the invention: AN IMPROVED SITE SPECIFIC DRUG DELIVERY SYSTEM

<p>(51) International classification: A61K 009/22</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>EMCURE PHARMACEUTICALS LTD.</b></p> <p>Address of the Applicant:</p> <p><b>T-184, MIDC, BHOSARI PUNE-411026 (INDIA), A COMPANY REGISTERED UNDER THE COMPANY ACT-1956.</b></p> <p>(72) Name of the Inventors :</p> <p>(1) SATISH RAMANLAL MEHTA (2) MANJUSHA AMBADAS JOSHI (3) SHRIKANT VASUDEV PIMPLE (4) GANESH VINAYAK GAT</p>

- (57) Abstract : This invention provides a site specific Colon Drug delivery system [CDDS] comprising a Tablet in Tablet. The CDDS comprises an enteric coat, a seal coat, an outer coat, and the core, the core and the outer coat consisting of active antiprotozoal ingredients and a filler matrix forming agent, a binder, lubricant and glidant. The CDDS affords local action in duodenum against giardiasis and in colon for amoebiasis.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 500/MUM/2002 A (22) Date of filing of Application: 05/06/2002

(54) Title of the invention: AN IMPROVED APPARATUS FOR MEASURING COLLOIDAL FORCES

(51) International classification: G01 13/16

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

DEPARTMENT OF ATOMIC ENERGY

Address of the Applicant:

ANUSHAKTHI BHAVAN  
CHATHRAPATHY SHIVAJI MAHARAJ  
MARG, MUMBAI - 400001,  
MAHARASHTRA, INDIA

(72) Name of the Inventors:

- 1) JOHN PHILIP
- 2) TAMMANA JAYAKUMAR
- 3) PERUMAL KALYANASUNDARAM
- 4) BALDEV RAJ

(57) Abstract : This invention relates to an improved apparatus for measuring forces between colloidal particles or droplets as a function of distance as shown in the Fig 1 given below. The apparatus comprises a solenoid (21) capable of providing a magnetic field in the range of 10 to 500 gauss, provided with a socket (22) for connecting to a variable current source (23), the colloidal suspension containing particles or droplets, whose force is to be measured, being kept within the said solenoid by means of a cuvette (24), the cuvette containing a ferrofluid emulsion (i.e. colloidal suspension) consisting of a magnetic material dispersed in a carrier medium and stabilized with an inner surfactant and emulsified with water in the presence of an ionic surfactant, a white light source (25), a polarizing beam splitting module (26) and two optical fiber modules (27) being fixed in such a way that they guide the incoming beam from the white light source and out going light beam from the cuvette, a polarizing beam splitter (26) turning the reflected light from the colloid by 90 deg. With respect to the incoming beam and the out going light beam being sent to a monochromator (28), associated with a holographic/ruled grating, for diffracting the light beam to a photodiode array (29) whose out put being connected to an interface card (30) and a computer (31), for detecting the position of Bragg peak, its width and intensity

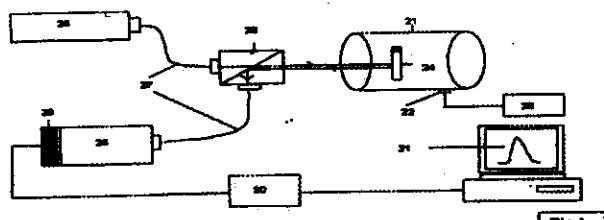


Figure : 4

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 501/MUM/2002 A (22) Date of filing of Application: 05/06/2002  
 (54) Title of the invention: A TUNABLE OPTICAL FILTER

<p>(51) International classification: G02B 27/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : - NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>DEPARTMENT OF ATOMIC ENERGY</b></p> <p>Address of the Applicant:</p> <p><b>ANUSHAKTHI BHAVAN          CHATHRAPATHY SHIVAJI MAHARAJ          MARG, MUMBAI - 400001,          MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) JOHN PHILIP          2) TAMMANA JAYAKUMR          3) PERUMAL KALYANASUNDARAM          4) BALDEV RAJ</b></p>
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(57) Abstract : The invention disclosed in this application relates to a tunable optical filter useful for selecting different bands of wavelengths in the UV, Visible and IR region without the necessity of changing the optical element, which comprises of a ferrofluid-based emulsion sandwiched between two transparent optical sheets, the thickness of the gap between the transparent optical sheets being at least 100 microns thereby forming a cell, the cell being placed inside a solenoid which is provided with a socket for connecting to a variable direct current source so as to facilitate changing the magnetic field of the cell

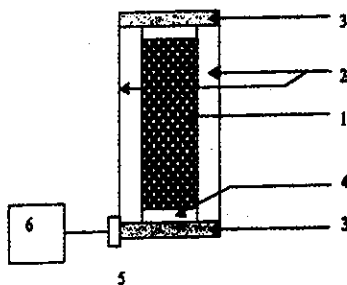


Figure : 3

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 502/MUM/2002 A (22) Date of filing of Application: 05/06/2002

(54) Title of the invention: COTTON COTTED MEGNETIC MATTRESSES.

(51) International classification: A 47C 17/00	(71) Name of the Applicant:  PRAHLADBHAI PURSHOTTAMDAS PRAJAPATI  Address of the Applicant:  F-100, AMBIKA NAGAR, OPP. E.S.I. HOSPITAL, SABARMATI HIGHWAY, AHMEDABAD, GUJARAT STATE, INDIA AN INDIAN NATIONAL.
(30) Priority Data :	
(31) Document No.: NIL	
(32) Date : N.A.	
(33) Name of convention country : NIL	
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1. PRAHLADBHAI PURSHOTTAMDAS PRAJAPATI
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : A mattress containing cotton cloth cover having a zip and a chain so that the cover can be opened on all the three sides and the mattresses are put in the cover having various layers in which the upper layer is of quilted cotton pad, below which a quilted magnetic layer of synthetic layer is placed and below that a coir pad made from rubberized coir is bound using space Age Hot Melt process and an inert adhesive. The pad is placed in the cover of the cloth so that the magnetic mattress gives comfortable sleep to the user without any bad smell.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 503/MUM/2002 A (22) Date of filing of Application: 06/06/2002

(54) Title of the invention: A PROCESS OF PREPARING AN ANTEHISTAMINE AND A LEUKOTRIENE INHIBITOR NASAL SPRAY.

<p>(51) International classification: A61K 31/00,</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>ALEMBIC LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>ALEMBIC ROAD, VADODARA – 390 003, GUJARAT, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) BHATTACHARYA SAMPAD</b> <b>2) KIRAN LAGU</b></p>
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(57) Abstract : A process for preparing an Antihistamine and a leukotriene inhibitor nasal spray comprising the following steps:

- mixing Antihistamine (0.05 – 5% w/v) in Purified water to make a slurry,
- adding 1M Hydrochloric acid under stirring to the slurry of step (a), and stirring till a clear solution of Antihistamine is obtained,
- dissolving Butylated hydroxy anisole (0.005 – 0.5% w/v) and Butylated hydroxy toluene (0.005 – 0.5% w/v) in Propylene glycol (2 – 25% w/v) at 50° – 60°C
- mixing solution of step (c) with solution of step (b),
- adding Polyoxyl-35-castor oil (2 – 30% w/v) with solution of step (d),
- dissolving Disodium edetate (0.01 – 0.5% w/v) in Purified water and adding to it Phenyl ethyl alcohol (0.05 – 0.5% w/v), and Benzalkonium chloride 50% w/v solution (0.01 – 0.04% v/v) under stirring to obtain a solution and transferring the solution to the solution of step (e).
- dissolving Leukotriene inhibitor (0.05 – 5% w/v) in Purified water,
- adding the solution of step (g) to the solution of step (f) under stirring,
- preparing 20% w/v solution of Tromethamine in Purified water,
- adjusting the pH of the solution of step (h) with 20% w/v Tromethamine solution of step (i) in the range pH 4.0 – pH 7.0,
- making up the volume of solution of Step (j) with Purified water.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 504/MUM/2002 A (22) Date of filing of Application: 06/06/2002

(54) Title of the invention: A PROCESS OF PREPARING EXTENDED RELEASE OSMO MICROSEALED VENLAFAXINE HYDROCHLORIDE.

<p>(51) International classification: A61K 9/50,</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>M/S. ALEMBIC LIMITED</p> <p>Address of the Applicant:</p> <p>ALEMBIC ROAD, VADODARA-390 003, GUJARAT, INDIA, AN INDIAN COMPAN</p> <p>Name of the Inventors:</p> <p>(72) 1) SAMPAD BHATTACHARYA 2) SRIDHAR GUMMUDA VELLI 3) DR. MAYANK JOSHI.</p>
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(57) Abstract : A Process Of Preparing Extended Release Osmo Microsealed Venlafaxine Hydrochloride Tablet used as Oral antidepressant which pertains to Osmo Microsealed Venlafaxine 24 hours extended release dosage and which provides a lower incidences of nausea and vomiting and which is easy to manufacture. The process comprises the following steps.

- a. dry blending Venlafaxine Hydrochloride 1 to 68% by wt., Microcrystalline cellulose 1 to 60% by wt., Lactose 0.15 to 60% by wt., and Povidone 0.1 to 25% by wt;
- b. granulating the blended mixture of step (a) with the solution of Sodium Chloride from 0.001 to 25% by wt.;
- c. continuing the granulation process of step (b) with aqueous dispersion of ethyl cellulose 0.5 to 55% by wt., forming the inner osmo microsealed particulate phase.
- d. drying the said inner osmo microsealed particulate phase of step (c) in a suitable drier.
- e. lubricating the dried inner osmo microsealed particulate phase of step (d) with Hydroxypropyl Methylcellulose 1 to 98% by wt., Talc 0.001 to 5% by wt., and Magnesium stearate from 0.001 to 5% by wt. Forming outer continuous phase;
- f. compressing the tablets of suitable shape from the lubricated mass of step (e);
- g. coating the said tablets of step (f) with an aqueous dispersion of Ammonio Methacrylate Copolymer 1 to 15% by wt. Containing talc, titanium, triethyl citrate and suitable color.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 505/MUM/2002 A (22) Date of filing of Application: 07/06/2002

(54) Title of the invention: **IMPROVED STREET LIGHTS AND THE LIKE**

<p>(51) International classification: F 21 S 8/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HAMMANTRAO RAMDAS GAIKWAD</b></p> <p>Address of the Applicant:</p> <p><b>250 KAWADE NAGAR, NEW SANGVI, PUNE- 411 027, MAHARASHTRA STATE, INDIA, INDIAN.</b></p> <p>(72) Name of the Inventors:</p> <p><b>HAMMANTRAO RAMDAS GAIKWAD</b></p>
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57) Abstract : A 'compact fluorescent lamp/s street light' consisting of & as substantially explained in drawings :

a pole on which CFL SL being mounted,  
a single CFL & or the plurality of CFL/s, the plurality CFL/s being arranged in series or in parallel, or when CFLs are more than two in number, optionally, in combination/s of series-parallel, depending on the design & or the operating voltage of CFLs & of the supply voltage,  
the system of CFL/s being further characterized that the required accessories such as a choke having connected either "externally" as a removable & repairable part, or, "integrally" in-built along-with the CFL itself;  
& a suitable reflector/s designed appropriately & specifically for CFLs, for example, silver foil, aluminium foil, auminized metalized polyester film-foil, and the like,  
& a strong outer cover for protection of assembly of CFLs, choke/s & reflector.

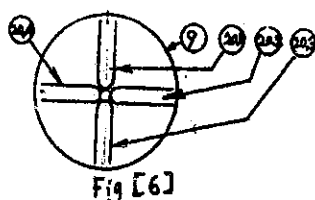


Figure : 6

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 506/MUM/2002 A (22) Date of filing of Application: 07/06/2002
- (54) Title of the invention: PHARMACEUTICAL PREPARATIONS

<p>(51) International classification: A01N 25/26</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>KHANDELWAL LABORATORIES PVT. LTD.</b></p> <p>Address of the Applicant:</p> <p><b>79/87, D. LAD PATH, MUMBAI 400 033, MAHARASHTRA, INDIA, AN INDIN COMPANY</b></p> <p>(72) Name of the Inventors:</p> <p><b>1. SANJEEV KHANDELWAL</b> <b>2. PRATIBHA OMRAY</b></p>
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- 57) Abstract : A method of manufacturing pharmaceutical extended-release tablets comprising as active ingredients Cefixime Trihydrate in combination with a hydrophilic matrix system comprising the steps of separately sifting cefixime trihydrate powder, lactose, and starch; intimately mixing the powders; adding slowly Iso propyl alcohol together with Polyvinyl pyrrolidone to form a uniform granular dough mass; drying the wet granules; lubricating the dry granules with hydrophilic polymer, talcum powder and magnesium stearate; compressing the lubricated granules slugging the lubricated granules to obtain slugs of hardness 4 kg/sq cm to 5 kg/sq cm.; Deslugging the granules; blending the deslugged granules with Cefixime Trihydrate powder, Sodium Lauryl Sulphate, a glidant, and Talcum powder and separately adding Magnesium Stearate and further blending; comprising the lubricated deslugged granules to obtain core tablets of hardness 3.5 kg/sq cms, and an average weight of around 640 mg, thickness of 4.6 mm and friability of not more than 0.9%; coating the core tablets with a homogenous solution of Methylene Chloride, Isopropyl Alcohol and a hydrophilic polymer and plasticizer and a coloring agent; drying; and glossing the dried coated tablets.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 509/MUM/2002 A	(22) Date of filing of Application: 07/06/2002
(54) Title of the invention: POWDER INHALER	
(51) International classification: A61M 15/00	(71) Name of the Applicant:
(30) Priority Data :	SATISH GOKHALE
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	'RAJEEV' 828 SHIVAJINAGAR, V.G. KALE ROAD, PUNE-411 004, MAHARASHTRA, INIDA, N INDIAN NATIONAL
(33) Name of convention country : NIL	
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. SATISH GOKHALE
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

57) Abstract : The present invention provides inhaler for administration of a unit does of a medicament, said powder inhaler comprising:

- (A) Walls enclosing at least one chamber comprising a medicament containing recess, at one end and a channel extending from the medicament containing recess to the air outlets hole;
- (B) Air inlet hole(s) located neat the medicament containing recess;
- (C) An air outlet hole; and
- (D) Means for sealing said air inlet and outlet holes,

wherein the location of the air inlet hole(s) with respect to the medicament containing recess in such that upon inspiration by the patient the air stream directly impacts the powder bed, entrains the particles and carries them to the air outlet for inspiration by the patient.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 510/MUM/2002 A (22) Date of filing of Application: 10/06/2002

(54) Title of the invention: **COATING WITH IMPROVED HIDING, COMPOSITIONS PREPARED THEREWITH, AND PROCESSES FOR THE PREPARATION THEREOF.**

(51) International classification: C10M 3/00

(30) Priority Data :

(31) Document No.: 60/299,701, 60/306,929, 60/311,207, 60/318,734, 60/325,382 60337,742 AND 60/377,975

(32) Date : 20/06/2001, 20/07/2001, 09/08/2001, 12/09/2001, 26/09/2001, 06/11/2001 AND 07/05/2002

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**ROHM AND HAAS COMPANY**

Address of the Applicant:

**100 INDEPENDENCE MALL WEST,  
PHILADELPHIA, PENNSYLVANIA  
19106-2399, UNITED STATES OF  
AMERICA**

(72) Name of the Inventors :

(1) **JAMES KEITH BARDMAN**  
(2) **WARD THOMAS BROWN**

(57) Abstract : A coating containing pigment particles and a polymer matrix is provided. The coating contains pigment particles that have a scattering coefficient with a linear or quasi-linear relationship to the pigment volume concentration of those pigment particles. The coating has improved hiding and is useful as a protective coating or an aesthetic coating on an underlying substrate. Also provided are compositions useful for preparing the coating including covalently bonded composite particles and aqueous dispersion containing composite particles. The composite particles each contain a pigment particle with a plurality of polymer particles attached by adsorption on the outer surface of the pigment particle or by covalent bonding to the pigment particle through a coupling agent. Methods to prepare the composite particles and coating compositions containing the composite particles are also provided.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 512/MUM/2002 A (22) Date of filing of Application: 11/06/2002

(54) Title of the invention: LUBRICATING GELS FROM POLYOLEFFINIC WASTE

<p>(51) International classification: C10M 177/00, 111/00, 109/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) PROF. ANANT B. MARATHE 2) PROF. PRASHANT V. THORAT 3) PROF. SHIRISH N. NEMADE</p> <p>Address of the Applicant:</p> <p>1) 2/9, 72, M.I.C., V.H.R. COLONY, GORAKSI, AKOLA 444 005 (INDIAN) 2) 9, Z.P. COLONY, SHASTRI NAGAR, AKOLA-444 005. (INDIAN) 3) TAPDIYA NAGAR, AKOLA- 444 005 (INDIAN)</p> <p>(72) Name of the Inventors :</p> <p>1. PROF. ANANT B. MARATHE 2. PROF. PRASHANT V. THORAT 3. PROF. SHIRISH N. NEMADE</p>
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(57) Abstract : Refined waste lubricating oil or low viscosity petroleum oil fraction is heated to 110° C with constant stirring at 40 to 60 r.p.m. with indirect heating medium. Polyoleffinic waste (plastic waste) is slowly added upto 70% of weight of oil. The temperature is slowly raised to 160° C and stirring is continued for 2 hours when all the plastic is blended. There should not be any lump formation. The mixture is allowed to cool. It is in the form of gelly. A tackifier (blown vegetable oil) is added to the gelly and shearing is done in a shearing mill to obtain a glossy lubricating gelly. This gelly is found to possess all the qualities/properties of conventional grease.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 513/MUM/2002 A (22) Date of filing of Application: 11/06/2002

(54) Title of the invention: PROCESS FOR THE PREPARATION OF HYDROXYLAMINE SULFATE

<p>(51) International classification: B01D 9/02</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>GUJARAT STATE FERTILIZERS &amp; CHEMICALS LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>P.O. FERTILIZERNAGAR 391 750, DIST. VADODARA, GUJARAT, INDIA, AN INDIAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. GADA MANILAL KALYANJI</li> <li>2. PATEL PRAVINBHAI MOTIBHAI</li> <li>3. TARE MILIND MADHUSUDAN</li> <li>4. ANKLESHWARIA BHUPINKUMAR VASANTLAL</li> </ol>
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57) Abstract : A process for manufacturing Hydroxylamine Sulfate from an aqueous Hydroxylamine Sulfate solution containing Hydroxylamine Sulfate, Sulphuric acid and Ammonium sulphate comprising the steps (i) concentrating (ii) chilling to facilitate crystallization and obtaining and separating the crude Hydroxylamine sulfate crystals by filtration (iii) dissolving the said crude crystals in water; (iv) filtering the solution (v) Chilling the solution to crystallize out Hydroxylamine crystals and separating the crystals through filtration; and (vi) drying with the help of hot air.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 516/MUM/2002 A (22) Date of filing of Application: 12/06/2002

(54) Title of the invention: LAUNDRY TREATMENT COMPOSITION

<p>(51) International classification: C 11 D 3/12</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0114540.8</p> <p>(32) Date : 14/06/2001</p> <p>(33) Name of convention country : U.K.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: 400 020, MAHARASHTRA, INDIA.</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. GOPALAN RAMAN SRINIVASA</li> <li>2. MALTESH CHIDAMBARAM</li> <li>3. SIDHESWARAN PULLI MUDALIAR</li> <li>4. YORKE JOHN WILLIAM HAROLD</li> </ol>
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(57) Abstract : A laundry treatment composition which contains crystalline clay mineral, an alkali metal salt and an organic acid. The salt and the acid react together when the composition is added to water to produce carbon dioxide as which aids the dispersion and/or deposition of he clay onto the textiles. The sacrificial layer of clay makes the treated textile less vulnerable to particulate soiling.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 517/MUM/2002 A (22) Date of filing of Application: 12/06/2002

(54) Title of the invention: MANUALLY OPERATED IMPERFORATED WRAP-AROUND DOOR FOR ELEVATOR APPLICATION.

(51) International classification: B66B 13/02	(71) Name of the Applicant:  REVATHI ENTERPRISES  Address of the Applicant:  UNIT NO. 10, BUILDING NO. 4, AGARWAL UDYOG NAGAR, SATIVAL ROAD, VASAI (E), DIST. THANE, MAHARASHTRA, INDIA, INDIAN NATIONAL
(30) Priority Data :	
(31) Document No.: NIL	
(32) Date : N.A.	
(33) Name of convention country : NIL	
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. REVATHI ENTERPRISES
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : Maintenance free operation under working conditions beyond 6,00,000 cycles.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 518/MUM/2002 A (22) Date of filing of Application: 12/06/2002

(54) Title of the invention: **SYSTEM AND METHOD FOR ELECTRONIC CATALOG CLASSIFICATION USING A HYBRID OF RULE BASED AND STATISTICAL METHOD**

<p>(51) International classification: G 06 F 17/30</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>ZYCUS INFOTECH PVT. LTD.</b></p> <p>Address of the Applicant:</p> <p><b>BLDG. NO. 75, 1 ST FLOOR, NIRLON COMPLEX, GOREGAON (E), MUMBAI : 400 063, INDIA, AN INDIAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. DEDHIA AATISH</li> <li>2. ANANDAN</li> <li>3. SINGHANIA SUNIL</li> <li>4. SARKAR AVIK</li> </ol>
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57) Abstract : The present invention provides for a method and system for the classification of electronic catalogs. The method provided has a lot of user-configured features and also provides for constant interaction between the user and the system. The user can provide criteria for the classification of catalogs and subsequently manually check the classified catalogs.

Figure : NIL

**Publication After 18 months**

The following Patent applications have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 519/MUM/2002 A (22) Date of filing of Application: 12/06/2002
- (54) Title of the invention: INTERNAL COMBUSTION ENGINE

(51) International classification: F 02 B 75/32

(30) Priority Data :

(31) Document No.: 2001-195293 & 2002-106858

(32) Date : 27/06/2001 & 09/04/2001

(33) Name of convention country : JAPAN

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

HONDA GIKEN KOGYO KABUSHIKI  
KAISHA

Address of the Applicant:

1-1, MINAMIAOYAMA 2-CHOME,  
MINATO-KU, TOKYO, JAPAN.

(72) Name of the Inventors :

1. RYO KUBOTA
2. HIROYUKI TANAKA
3. SATOSHI IJIMA
4. KAZUNORI KIKUCHI
5. MASATOSHI SUZUKI

57) Abstract : To increase the degree of constant volume of the air-fuel mixture of an internal combustion engine during combustion to improve heat efficiency, and to downsizing thereof in the direction of the axis of the cylinder.

Connecting means 29 for connecting a piston 14 and a crankshaft 20 comprises a first connecting rod 22 rotatably supported at both ends by a piston pin 21 and an intermediate pin 23, a second connecting rod 24 rotatably supported at both ends by the intermediate pin 23 and a crank pin 25, and a link arm 26 rotatably supported at both ends by an intermediate pin 23 and a fixed portion 27 positioned downwardly of the crankshaft 20. When the piston 14 is at the top dead center, the first connecting rod 22 is disposed substantially along an axis L2 of the cylinder 13 and the second connecting rod 24 is disposed in the direction substantially orthogonal to the axis L2.

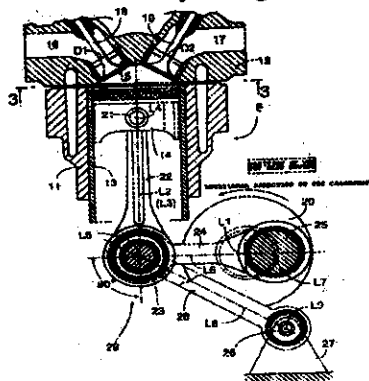


Figure : 1

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 526 1UM/2002 A (22) Date of filing of Application: 13/06/2002  
(54) Title of the invention: BEVERAGE DISPENSER

(51) International classification: B65D 081/32	(71) Name of the Applicant:  HINDUSTAN LEVER LIMITED  Address of the Applicant:  HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: 400 020, MAHARASHTRA, INDIA.
(30) Priority Data :	
(31) Document No.: NIL	
(32) Date : N.A.	
(33) Name of convention country : NIL	
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. NAIK ASHOK KUMAR
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

57) Abstract : This invention relates to a beverage dispenser for beverages such as ice tea, coffee and the like and in particular to an ice tea beverage dispenser adapted to serve desired quality of instant beverage automatically into serving glasses/containers.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 521/MUM/2002 A (22) Date of filing of Application: 13/06/2002

(54) Title of the invention: TAIL LAMP STRUCTURE FOR MOTORCYCLE

(51) International classification: B 62J 6/04

(30) Priority Data :

(31) Document No.: 2001-250576

(32) Date : 21/08/2001

(33) Name of convention country : JAPAN

(66) Filed U/s. 5(2) : NO,

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

HONDA GIKEN KOGYO KABUSHIKI  
KAISHA

Address of the Applicant:

1-1, MINAMIAOYAMA 2-CHOME,  
MINATO-KU, TOKYO, JAPAN.

(72) Name of the Inventors :

1. TETSUO BAN
2. YUMIO SHIBATA

57) Abstract : A tail lamp structure for a motorcycle, which is disposed inside a rear end portion of a rear cowl, said rear end portion having a shape whose lateral width becomes narrow as nearing to an upper end of said rear cowl, characterized in that  
a tail lamp is disposed on an upper portion of said tail lamp structure, and a brake lamp is disposed under said tail lamp.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 522/MUM/2002 A

(22) Date of filing of Application: 13/06/2002

(54) Title of the invention: **METHOD AND APPARATUS FOR OPTIMIZATION OF A MULTI-OBJECTIVE FUNCTION OF A PORTFOLIO CONTAININ AT LEAST ONE INVESTMENT.**

<p>(51) International classification: G06F 15/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING</b></p> <p>Address of the Applicant:</p> <p><b>PUNE UNIVERSITY CAMPUS, GANSH KHIND, PUNE 411 007, MAHARASHTRA, INDIA, A SCIENTIFIC SOCIETY REGISTERED UNDER THE SOCIETIES REGISTRATION ACT 1860 WHOLLY OWNED BY THE GOVT. OF INDIA.</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. DR. MEDHA DHURANDHAR 2. KOUSTUBH PAWAR</b></p>
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57) Abstract : A method for strategy independent optimization of a multi-objective function of a portfolio containing at least one investment is disclosed, The method involves the use of genetic algorithms to arrive at function optimization. A suite of strategies is provided enabling the user to select a strategy and optimize a function. Real world data is drawn from exchanges and is utilized for replication. The invention also discloses a novel combination of apparatus for carrying out the method of invention, typically using parallel processing.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 523/MUM/2002 A (22) Date of filing of Application: 13/06/2002

(54) Title of the invention: **METHOD AND APPARATUS FOR OPTIMIZATION OF A MULTI-OBJECTIVE FUNCTION OF A PORTFOLIO CONTAINING AT LEAST ONE INVESTMENT**

(51) International classification: G06F 17/60

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**CENTRE FOR DEVELOPMENT OF  
ADVANCED COMPUTING**

Address of the Applicant:

**PUNE UNIVERSITY CAMPUS, GANSH  
KHIND, PUNE 411 007, MAHARASHTRA,  
INDIA, A SCIENTIFIC SOCIETY  
REGISTERED UNDER THE SOCIETIES  
REGISTRATION ACT 1860 WHOLLY  
OWNED BY THE GOVT. OF INDIA.**

(72) Name of the Inventors :

1. DR. MEDHA DHURANDHAR,
2. Koustubh Pawar

57) Abstract : A method for strategy independent optimization of a multi objective function of a portfolio containing at least one investment is disclosed, The method involves the use of genetic algorithms to arrive at function optimization. A suite of strategies is provided enabling the user to select a strategy and optimize a function. Real world data is drawn from exchanges and is utilized for replication. The invention also discloses a novel combination of apparatus for carrying out the method of invention, typically using parallel processing.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 524/MUM/2002 A (22) Date of filing of Application: 13/06/2002

(54) Title of the invention: **DEVICE AND A PROCESS FOR EXPANSION OF HAEMOPOIETIC STEM CELLS FOR THERAPEUTIC USE**

<p>(51) International classification: C12M 3/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>RELIANCE LIFE SCIENCES PRIVATE LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>CHITRAKOOT, 2<sup>ND</sup> FLOOR, GANPATRAO KADAM MARG, SHREE RAM MILLS COMPOUND, LOWER PAREL, MUMBAI 400 013, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors :</p> <p><b>1) SREEMUSHNAN ANANDA RAO GOPALKRISHNA 2) SHABARI TIPNIS PRADEEP</b></p>
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57) **Abstract :** A sterilizable bio-reactor comprising a three-dimensional reactor culture assembly substantially equivalent to a bone marrow micro environment, an inert bio-compatible scaffolding material located on a base of the reactor culture assembly to provide a micro environment identical to the micro environment in human bone marrow, for cultivating stem cells in the scaffolding, forming part of a sterilizable bio-reactor device, and a process for the expansion of haemopoietic stem cells derived from Human Umbilical Cord Blood for therapeutic use, comprising growing haemopoietic stem cells in the bio-degradable non-toxic bio-compatible scaffold while providing necessary nutrition and gasses cultivating the stem cells in the scaffolding material to provide for the cell growth in the bio reactor, and supplying mobilizing oxygen and carbon dioxide to maintain gas tension for optimal expansion of the stem cells, and circulating media containing micro and macro nutrients and growth factors to establish gradients within the enclosure.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 525/MUM/2002 A (22) Date of filing of Application: 13/06/2002

(54) Title of the invention: DEVICE AND A PROCESS FOR THE EXPNSION OF HAEMOPOIETIC STEM CELLS FOR THE THERAPEUTIC USE

<p>(51) International classification: C12M 3/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : YES.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>RELIANCE LIFE SCIENCES PRIVATE LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>CHITRAKOOT, 2<sup>ND</sup> FLOOR, GANPATRAO KADAM MARG, SHREE RAM MILLS COMPOUND, LOWER PAREL, MUMBAI 400 013, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. SREEMUSHNAN ANANDA RAO GOPALKRISHNA 2. SHABARI TIPNIS PRADEEP</b></p>
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**57) Abstract :** A sterilizable bio-reactor comprising a three-dimensional reactor culture assembly substantially equivalent to a bone marrow micro environment, an inert bio-compatible scaffolding material located on a base of the reactor culture assembly to provide a micro environment identical to the micro environment in human bone marrow, for cultivating stem cells in the scaffolding, forming part of a sterilizable bio-reactor device, and a process for the expansion of haemopoietic stem cells derived from Human Umbilical Cord Blood for therapeutic use, comprising growing haemopoietic stem cells in the bio-degradable non-toxic bio-compatible scaffold while providing necessary nutrition and gasses cultivating the stem cells in the scaffolding material to provide for the cell growth in the bio reactor, and supplying mobilizing oxygen and carbon dioxide to maintain gas tension for optimal expansion of the stem cells, and circulating media containing micro and macro nutrients and growth factors to establish gradients within the enclosure.

**Figure : NIL**

### Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 526/MUM/2002 A (22) Date of filing of Application: 13/06/2002

(54) Title of the invention: PINCH/PYRAMID ROLL BENDING MACHINE

<p>(51) International classification: B21D 11/20</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p style="text-align: center;">1) ARVIND VASUDEV MARATH 2) KAUSTUBH ARVIND MARATHE</p> <p>Address of the Applicant:</p> <p style="text-align: center;">55, PAVANA NAGAR SOCIETY. CHINCHWAD PUNE-411 033, MAHARASHTRA STATE, INDIA.</p> <p>(72) Name of the Inventors :</p> <p style="text-align: center;">1. ARVIND VASUDEV MARATHE 2. KAUSTUBH ARVIND MARATHE</p>
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**57) Abstract :** The commonly used machine for giving cylindrical shapes to various materials in plate or section forms is "ROLL BENDING MACHINE"

The present design uses three rolls placed in a pyramid fashion, either moving the top roller up and down or the bottom rollers move up and down (All three rollers to rotate around their axis for roll bending function). In the later variety three separate motors are used, two (one each) for moving the bottom rollers up and down (called pinching) and one for roll bending i.e to rotate the rollers.

The invention is to eliminate two pinch motors, The same motor used for roll bending also does the pinching functions, This is achieved by using electromagnetic clutch arrangement one for each function i.e, roll bending and pinching and single input double output integrated reduction gearbox, The necessity for pinching is that the leading and trailing edges of the plate rolled take the required circular shape, which otherwise remain straight.

The plus point of this invention over the resent design are as follows:-

- 40% saving un connected K.W.
- increased pinch capacity due to higher K.W.
- increased efficiency due to reduction in one step in power transfer
- Labor saving due to automation.
- Safety in operation due to 24V. controls
- Space saving
- Enhanced aesthetics

Fourth roll is sometimes added as pressure roller below the top roller, to enhance pinching quality. All the four rollers are rotated through the integrated gearbox, This increases the torque transmission considerably.

**Figure : NIL**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 527/MUM/2002 A (22) Date of filing of Application: 14/06/2002

(54) Title of the invention: CYCLODEXTRINE STABILIZED PHARMACEUTICAL COMPOSITIONS OF BUPROPION HYDROCHLORIDE.

(51) International classification: A61K 47/48,	(71) Name of the Applicant:
(30) Priority Data :	USV LIMITED
(31) Document No.: 09/881582	Address of the Applicant:
(32) Date : 14/06/2001	BSD MARG, STATION ROAD, GOVANDI
(33) Name of convention country : USA	MUMBAI: 400 088, MAHARASHTRA,
(66) Filed U/s. 5(2) : NO.	INDIA, AN INDIAN COMPANY
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. GIDWANI SURESH KUMAR
(63) Divisional to Application No.: NIL	2. SINGNURKAR PURUSHOTTAM
(64) Filed on: N.A.	3. TEWARI PRASHANT KUMAR

57) Abstract : An inclusion complex of bupropion hydrochloride with beta cyclodextrin that stabilizes the bupropion hydrochloride against degradation. A method of preparing an inclusion complex of bupropion hydrochloride with beta cyclodextrin that stabilizes the bupropion hydrochloride against degradation. A novel stabilized sustained-release pharmaceutical composition of bupropion hydrochloride containing an inclusion complex of bupropion hydrochloride with beta cyclodextrin. A method of preparing a novel stabilized sustained-release pharmaceutical composition containing an inclusion complex of bupropion hydrochloride with beta cyclodextrin.

Figure : NIL

### **Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 528/MUM/2002 A (22) Date of filing of Application: 14/06/2002

(54) Title of the invention: POLYCENTRIC KNEE BRACE FOR OSTEOARTHRITIS

<p>(51) International classification: A61F 5/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PARSANBEN NARANDAS RAMJI SHAH (TALAJAWALA)</b></p> <p>Address of the Applicant:</p> <p><b>SHRI K.L. INSTITUTE FOR THE DEAF, 51, VIDYANAGAR, BHAVNAGAR-364 002 GUJARAT STATE, INDIA, AN INDIAN.</b></p> <p>(72) Name of the Inventors :</p> <p><b>1) VIJAYKUMAR GANPAT NAIK</b></p>

57) Abstract : This invention of POLY CENTRIC KNEE BRACE FOR OSTEOARTHRITIS is for the patient suffering from osteoarthritis of knee. As the knee is most frequently involved joint site associated with disability in osteoarthritis in person over the age of fifty and progress rapidly in some individuals than in others giving tremendous pain & prevents the patient from sitting in cross leg position. Poly centric knee brace is a very good option to total knee replacement to get relief from the pain and to avoid pain killer as every person cannot afford total knee replacement.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 529/MUM/2002 A (22) Date of filing of Application: 14/06/2002

(54) Title of the invention: A PROCESS OF TAMPER PROOF PACKAGING FOR LIQUIDS

(51) International classification: B65D 1/02 ,	(71) Name of the Applicant:
(30) Priority Data :	MARICO INDUSTRIES LIMITED.
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	'RANG SHARDA' K.C. MARG, BANDRA RECLAMATION, BANDRA (WEST), MUMBAI : 400 050, AN INDIAN COMPANY.
(33) Name of convention country : NIL	
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. DR. JOSEPH I LEWIS
(63) Divisional to Application No.: NIL	2. N.D. KRISHNAPRAKASH IYER
(64) Filed on: N.A.	3. SHIRISH KANER

57) Abstract : A packaging for storage and dispensing of liquids comprising a moulded jar (1) provided with a handle and having neck (2) to accommodate a closure and the said neck being provided with a tear-away pull ring to tear open the flap, characterized in that closure comprises to two parts namely pourer (3) and top-cap (4) and that neck has a circular spout (6) of radius 12 mm for pouring direction and for stopping pouring and the top-cap providing protection to spout as well as to oil from dust, pests and rodents.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 530/MUM/2002 A (22) Date of filing of Application: 14/06/2002  
(54) Title of the invention: PRODUCTION AND USE OF POLYESTER CARBONATES

(51) International classification: C08G 63/64	(71) Name of the Applicant:
(30) Priority Data :	BAYER AKTIENGESELLSCHAFT
(31) Document No.: 10131127.3	Address of the Applicant:
(32) Date : 28/06/2001	D-51368 LEVERKUSEN, GERMANY
(33) Name of convention country : GERMANY	A GERMAN COMPANY
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. SILKE KRATSCHMER
(63) Divisional to Application No.: NIL	2. LOTHAR BUNZEL
(64) Filed on: N.A.	3. WOLFGANG ALEWELT
	4. RENATE WILMS

- (57) Abstract : A transesterification process for producing polyester is disclosed. In a first stage of the process there is heated, in an inert gas atmosphere, a first mixture containing at least one dihydroxy compound and at least one diaryl carbonate to form an oligocondensate. In a second stage there is added to the oligocondensate at least one dicarboxylic acid to form a second mixture. The second mixture is heated to a temperature not higher than 290<sup>0</sup> C in the presence of a quaternary onium compound as catalyst to form polyester carbonate. Hydroxyaryl formed throughout the process is distilled-off under reduced pressure.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 533/MUM/2002 A (22) Date of filing of Application: 17/06/2002

(54) Title of the invention: **A PROCESS OF MANUFACTURE OF NOVEL DRUG DELIVERY SYSTEM-MULTILAYER TABLET COMPOSITION OF THIAZOLIDINEDIONE AND BIGUANIDES**

<p>(51) International classification: A61K 9/24,</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>THEMIS LABORATORIES PVT. LTD.</b></p> <p>Address of the Applicant:</p> <p><b>UNIT NO. S-4, KHIRA INDUSTRIAL ESTATE, B.M. BHARGAVA ROAD, SANTACRUZ WEST, MUMBAI : 400 054, MAHARASHTRA. INDIA, AN INDIAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. ANTARKAR AMIT KRISHNA</li> <li>2. DR. LALA RAJENDRA GHANSHAMLAL</li> <li>3. KAMDAR NIRAV MAHENDRA</li> <li>4. DR. GADKARI PARAG NARAYA</li> <li>5. SHAH MAYA JANAK</li> <li>6. SHAH JANAK RAMANLAL</li> </ol>
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57) **Abstract :** A novel patient-convenient, cost effective pharmaceutical composition, comprising of thiazolidinediones and biguanide for controlling hyperglycaemia manufactured as multiplayer tablet and its process of manufacturing, for immediate release of thiazolidinediones or thiazolidinediones and biguanide and prolonged release of the biguanide only, the tablet comprising of minimum two layers wherein one outer layer comprises of a mixture of excipients and thiazolidinediones or thiazolidinediones and biguanide allowing immediate release of thiazolidinediones or thiazolidinediones and biguanide respectively and the other layer arranged in contact with the immediate release layer which comprises of a novel composition of excipients and a minimum one or more non-biodegradable, inert polymer(s) and the biguanide allowing pH independent prolonged release of the biguanide up to a period of 8-12 hours. The tablets are for once a day dosing; The tablets may optionally be film coated or enrobed by soft gelatin ribbons for additional protection against oxidation, photodegradation, identification, ease of swallowing, taste masking and for esthetic appeal without altering the dissolution profile.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 534/MUM/2002 A (22) Date of filing of Application: 17/06/2002

(54) Title of the invention: **IMPROVED PROCESSES FOR THE PREPARATION OF POLYMORPHIC FORMS OF VENLAFAXINE HYDROCHLORIDE**

<p>(51) International classification: A61K 31/135</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>UNICHEM LABORATORIES LTD.</b></p> <p>Address of the Applicant:</p> <p><b>MAHALAXMI CHAMBER, 22 B DESAI ROAD, MUMBAI : 400 026, AN INDIAN COMPANY.</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. RAJESH VINODRAI NAIK</b>  <b>2. HARSHA GIRDHARI JAISINGHANI</b></p>
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57) Abstract : This invention relates to improved processes for the preparation of polymorphic forms I, III & IV of  $(\pm)$  - 1-[2-(dimethylamino)-1-(4-methoxyphenyl) ethyl] cyclohexanol hydrochloride [commonly known as Venlafaxine hydrochloride] by employing specific solvents, solvent ratios, heating at specific temperature ranges, cooling rates of the solutions, crystallization temperatures etc. The different Forms I, II, III & IV have also been characterized through their X-Ray powder diffraction pattern.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 535/MUM/2002 A (22) Date of filing of Application: 16/06/2002

(54) Title of the invention: KW-RANGE DOMESTIC WINDMILL GENERATOR SET

(51) International classification: F03D 9/00	(71) Name of the Applicant:  AVINASH DHONDU SHIRODE  Address of the Applicant:  SHAMAVI, 35, PANCHVATI HOUSING SOCIETY, VIJAY NAGAR, NEW ADGAO NAKA, NASHIK 422 003, MAHARASHTR STATE, INDIA, A CITIZEN OF INDIA.
(30) Priority Data :	
(31) Document No.: NIL	
(32) Date : N.A.	
(33) Name of convention country : NIL	
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1) AVINASH DHONDU SHIRODE
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

57) Abstract : A domestic low range set of a windmill and an alternator to cater to the needs of about 1 to 5 KW.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 536/MUM/2002 A (22) Date of filing of Application: 18/06/2002

(54) Title of the invention: **HETEROCYCLICAMIDE DERIVATIVES**

(51) International classification: C07D 233/00

(30) Priority Data :

(31) Document No.: 10132896.6

(32) Date : 06/07/2001

(33) Name of convention country : GERMANY

(66) Filed U/s. 5(2) : YES.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**BAYER AKTIENGESELLSCHAFT**

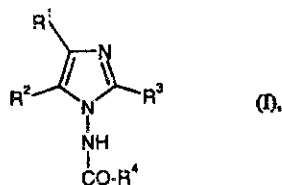
Address of the Applicant:

**D-51368 LEVERKUSEN, GERMANY  
A GERMAN COMPANY**

(72) Name of the Inventors :

- 1) GRAHAM HOLMWOOD
- 2) KLAUS-GUNTHER TIETJEN
- 3) MICHAEL SCHINDLER
- 4) CHRISTOPH ERDELEN
- 5) ULRIKE WACHENDORFF-NEUMANN
- 6) ANDREAS TURBERG
- 7) OLAF HANSEN

(57) Abstract : The present invention relates to novel heterocyclic amide derivatives of the formula (I)



in which  
R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are as defined

to a process for preparing them and to their use as pesticides.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 537/MUM/2002 A (22) Date of filing of Application: 18/06/2002

(54) Title of the invention: CONTAINERS FOR STORING, TRANSPORTING AND USING FLUIDS, PARTICULARLY LIQUIDS

(51) International classification: A 61 J 1/00	(71) Name of the Applicant:
(30) Priority Data :	GUPTA MANOHARLAL
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	9, JANAKI NAGAR, ANNEXE, INDORE
(33) Name of convention country : NIL	452 001, MADHYA PRADESH, INDIA, AN
(66) Filed U/s. 5(2): NO.	INDIAN NATIONAL
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. GUPTA MANOHARLAL
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : A synthetic polymeric thin walled container, having half fluted bellow type side walls, each of the flutes being slanting in the operative upward side and flat on the downward side so that in the non filled configuration of the container the container can be folded along the flutes to reduce the effective volume occupied by the container.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 535 TUM/2002 A	(22) Date of filing of Application: 19/06/2002
(54) Title of the invention: A NOVEL METHOD OF REDUCING RINGING NOISE IN GEAR ASSEMBLIES	
(51) International classification: F16F 007/00  (30) Priority Dat :  (31) Document No.: NIL  (32) Date : N.A.  (33) Name of convention country : NIL  (66) Filed U/s. 5(2) : NO.  (61) Patent of addition to application No.: NIL  (62) Filed on : N.A.  (63) Divisional to Application No.: NIL  (64) Filed on: N.A.	(71) Name of the Applicant:  <b>MAHINDRA &amp; MAHINDRA LTD.</b>  Address of the Applicant:  <b>MAHINDRA TOWERS, WORLI, MUMBA            – 400018, STATE OF MAHARASHTRA,            INDIA</b>  (72) Name of the Inventors :  <b>1. VESIKAR PRASAD BAKRISHNA</b>

**57) Abstract :** This invention relates to a method of reducing undesirable ringing noise in a system of gear assemblies comprising of steps such as assessing ringing characteristics of the gear train assembly, evaluating sensitivity of each gear in gear train assembly to generate ringing noise, selecting set of gears that contribute most to ringing for treatment, bonding/fixing of the gear surface with appropriate damping layer, fixing a constrained layer and testing of the response followed by reassembly of the gears in the gear train. The damping layer material are selected from butyl rubber, nitrile rubber, neoprene and their like based on the temperatures that the assemblies would be subjected to operating environmental of the gear assembly. The constrained layer is selected from a range of metallic or non-metallic sheets such as mild steel, aluminium, plastics, composites and the bonding is achieved by adhesives, compression moulding, rivets or bolts.

**Figure : NIL**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 539/MUM/2002 A (22) Date of filing of Application: 19/06/2002

(54) Title of the invention: A GRAVITY FED WATER PURIFICATION SYSTEM

<p>(51) International classification: B01D 35/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: 400 020, MAHARASHTRA, INDIA.</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. MUKHERJEE NIKHILESHWAR 2. NAIR PRADEEP JANARDHAN 3. MISTRY MAHENDRAKUMAR MAGANLAL</b></p>
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**57) Abstract :** This invention provides a gravity fed water purification system comprising a filtration unit adapted to filter particulate material, and a chemical purifying unit containing in a sealed chamber and is in fluid communication with the filtration unit such that water treated by the filtration unit is then gravity fed into the chemical purifying unit and retained therein for a predetermined period, after which the water exits the system via a scavenger means which is adapted to recover leached chemical purifying agent.

The system ensures the delivery of microbiologically pure water of high quality whilst maintaining the simplicity and advantages of gravity fed filtration systems.

**Figure : NIL**

### Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 540/MUM/2002 A (22) Date of filing of Application: 19/06/2002

(54) Title of the invention: **LUGGAGE CASE HANDLE LOCKING SECURITY MECHANISM**

(51) International classification: A 45 C 13/18

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

VIP INDUSTRIES LTD.

Address of the Applicant:

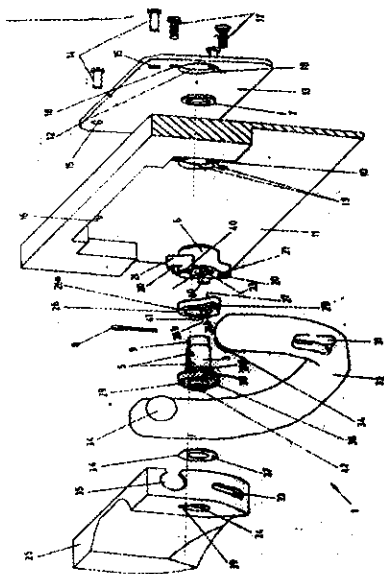
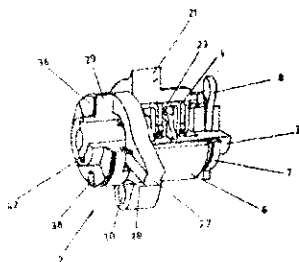
78A MIDC, SATPUR, NASHIK 422 007,  
MAHARASHTRA, INDIA, AN INDIAN  
COMPANY

(72)

Name of the Inventors :

1) NAIK SHASHANK SHARAD

(57) Abstract :



A luggage case handle locking security mechanism (1) comprising a barrel lock (2) comprising a drum (3) provided with a plurality of spring loaded levers (4) located in circumferential slots (5) therein. The inn end of the drum is rotatably held in a housi (6) which is fitted at the front portion of th sidewall (11) of the bottom shell of the luggage case. The inner side of the hosing i provided with a plurality of spaced longitudinal grooves (22) corresponding to the levers. The outer end of the drum is rotatably disposed in a hole (24) in the handle mounting bracket (25) fitted at the front portion of the sidewall of the bottom shell of the luggage case. The drum is provided with a lateral protrusion (27) integrally formed with a ring (26) non-

rotatably fitted on the outer end of the drum. The lateral protrusion is adapted to engage in and disengage from an oblong recess (31) in the handle of the luggage case through a corresponding oblong slit (33) in the handle mounting bracket. The security mechanism also comprises locking and unlocking positions indicating means comprising a disc (36) non-rotatably located at the outer end of the drum. The disc is provided with two distinct colours, marks, signs or symbols corresponding to the locking and unlocking positions of the handle visible through window (39) provided in the handle mounting bracket close to the hole (24). The security mechanism also comprises arrester means to restrict the clockwise and anticlockwise rotation of the drum comprising a pair of spaced projections (40,40) at the outer face of the housing and an extension (41) at the outer surface of the ring and disposed between the projections

Figure : 3 & 4

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 541/MUM/2002 A (22) Date of filing of Application: 19/06/2002

(54) Title of the invention: LUGGAGE CASE WITH ROLLING SCRATCH GUARD

(51) International classification: A 45 C 13/00

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2): NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

VIP INDUSTRIES LTD.

Address of the Applicant:

78A MIDC, SATPUR, NASHIK 422 007,  
MAHARASHTRA, INDIA, AN INDIAN  
COMPANY

(72) Name of the Inventors :

1) NAIK SHASHANK SHARAD

57) Abstract : A luggage case is provided with rolling scratch guard comprising a plurality of rolling means (2) located at predetermined positions at the bottom (3) thereof. According to an embodiment each rolling means comprises a roller (4) provided with a radial ridges (4a) and rotatably held in a flanged tubular housing (5) by a pin (6) run across the housing and through the roller. The housing is disposed in an opening (10) provided at the bottom (3) of the luggage case against the flange thereof (9). The roller protrudes out of the housing screw fitted to a bulge (12) formed at the inner periphery of the opening at the bottom of the luggage case

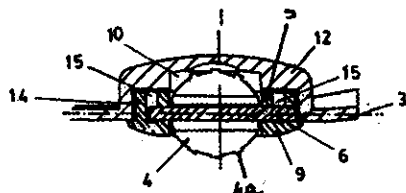


FIG. 5

Figure : 5

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 542/MUM/2002 A (22) Date of filing of Application: 20/06/2002

(54) Title of the invention: **A PROCESS FOR PREPARING A NON-GRANULAR SOLID DETERGENT COMPOSITION WITH ENTRAPPED GAS BUBBLES**

<p>(51) International classification: B01J 2/20</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: 400 020, MAHARASHTRA, INDIA.</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. SUBRAHMANIAM NARAYANAN</li> <li>2. HIBARE SUJITKUMAR SURESH</li> <li>3. GOEL SATISH KUMAR</li> </ol>
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**57) Abstract :** The invention provides for an improved process for preparing a non-granular solid detergent composition with entrapped gas bubbles comprising 5-80% detergent active, 0.1-10% of a chemical blowing agent that decomposes to generate a gas at a temperature range 50-90<sup>0</sup> C optionally in presence of water, 5-30% water, 0-30% detergent builders, which process comprises the steps of mixing the various ingredients of the formulation in a mixer including 0.1-10% of the chemical blowing agent at a temperature below 50<sup>0</sup> C, extruding the said mix while maintaining a temperature of 50-90<sup>0</sup> C by selectively heating said mix both from the outside and inside of the extruder, followed by optionally cooling the extruded bars, converting them into billets and forming tablets.

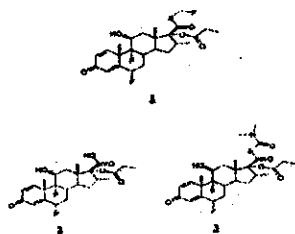
The process of the invention provides for non-granular detergent compositions with decreased bulk density and thus increased size and also improves the in-use properties to give better economy in use.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 544/MUM/2002 A	(22) Date of filing of Application: 20/06/2002
Title of the invention: <b>PROCESS FOR THE PREPARATION OF S-FLUOROMETHYL 6<math>\alpha</math>, 9<math>\alpha</math>-DIFLUORO-11<math>\beta</math>-HYDROXY-16<math>\alpha</math>-METHYL-17<math>\alpha</math>-PROPIONYLOXY-3-OXOANDROSTA-1, 4-DIENE-17<math>\beta</math>-CARBOTHIOATE.</b>	
(51) International classification: C07J 9/00	(71) Name of the Applicant:
(30) Priority Data :	SUN PHARMACEUTICAL INDUSTRIES LTD.
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI – 400 059, MAHARASHTRA, INDIA
(33) Name of convention country : NIL	(72) Name of the Inventors :
(66) Filed U/s. 5(2) : NO.	1. KAMBHAMPATI SUDHAKAR
(61) Patent of addition to application No.: NIL	2. DR. CHITTURI TRINADHA RAO
(62) Filed on : N.A.	3. DR. THENNATI RAJAMANNAR
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

**57) Abstract :**

The present invention provides a process for the preparation of S-fluoromethyl 6 $\alpha$ , 9 $\alpha$ -difluoro-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-17 $\alpha$ -propionyloxy-3-oxoandrosta-1, 4-diene-17 $\beta$ -carbothioate, a compound of **formula 1**, said process comprising:

- treating 6 $\alpha$ , 9 $\alpha$ -difluoro-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-3-oxo-17 $\alpha$ -(propionyloxy)androsta-1, 4-diene-17 $\beta$ -carboxylic acid, a compound of **formula 2**, with N, N-dimethylthiocarbamoyl chloride in an inert aprotic solvent in the presence of a catalyst and a base to give a compound of **formula 3**;
- reacting the compound of **formula 3** with a hydrosulfide reagent and bromofluoromethane to yield a compound of **formula 1**; and
- optionally, purifying the compound of **formula 1**.

**Figure : NIL**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 545/MUM/2002 A (22) Date of filing of Application: 20/06/2002

(54) Title of the invention: A STAINLESS STEEL SHEET WITH CHANNELS FOR MANUFACTURING OF FRAMES

<p>(51) International classification: E06B 1/14</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) ROHINI NANDKUMAR DEVI 2) NANDKUMAR B. DEVI</p> <p>Address of the Applicant:</p> <p>3812, GHUMAREGULLY, DEVI WADA, OPP. BEDEKAR CLASS, AHMEDNAGAR 414 001, MAHARASHTRA STATE, INDIA</p> <p>(72) Name of the Inventors :</p> <p>(1) ROHINI NANDKUMAR DEVI (2) NANDKUMAR B. DEVI</p>
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57) Abstract : There is a traditional system of making framework of different woods available in nature having limited life. Where as some in metal frames are also used which gets rusted after certain years and problem remains the same, as durability problem continues.

As a result we have developed new idea of making frames of doors and windows of various proportions in stainless steel metal which has best show and durability, of different carbon contains to suit need of the demand of market, can ser purpose of life long time.

Is specified I drawing of different dimentions is our invention to meet the challenges.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 546/MUM/2002 A (22) Date of filing of Application: 21/06/2002

(54) Title of the invention: TAMPER EVIDENT SEALS VOID/OPENED WITH ULTRA VIOLET LIGHT & HEAT FEATURES

(51) International classification: B65D 101/00

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

M/S. SHREENATH ENTERPRISES, A PROPRIETORSHIP CONCERN BY A SOLE PROPRIETOR M/S. ISHAN MARKETING PVT. LTD.

Address of the Applicant:

P/1/41, VARUN APARTMENTS, 'VASANT BAUG', OPP. PUMPING STATION, GULBAI TEKRA, ELLISBRIDGE, AHMEDABAD-380 006, GUJARAT STAT INDIA, IS A INDIAN CONCERN.

(72) Name of the Inventors :

1. MR. SHRUJAL SUDHIRBHAI PATEL

57) Abstract : This invention film having the unique and distinctive features of preventing the tempering, where the fraud is likely to take place by tempering.

The film is manufactured on PVC/Plastic film, thus its a water proof and withstand all weather conditions, where the UV ink bleeds in adhesive in such as way that the slightest disturbance in the adhesive will cause the UV ink to glow under UV light, due to which the paper is released and same is again applied back to enable the thermal transfer printing on PVC/Plastic Film. The film, thereafter printed with wax based thermal transfer foils and the Gerber Edge machine, which prints the bar codes, continuous number etc. with thermal transfer technology using thermal transfer ribbons. Thereafter lamination is done by thin B.O.P.P. with a strong adhesive, whereby, if the heat is applied to remove the Film, the B.O.P.P. will get shrink and the wax printing will get melted thus printing gets disturbed and thereby the Film will not retained its original position. Thereafter by the Computer Control Gerber Plotter, cutting and security cuts are made, the Film is ready for use, thus if the Film is removed in normal way, the VOID/OPENED will appear on the top of the Film and the Film will also tear off because of the security cuts, also if the sharp object is used to remove the seal, then because of slightest disturbance in the adhesive side, the disturbed portion will glow under the UV Light, The invented Film has a UV Numbering system, which is visible only under UV Light as such printing can be done by using thermal transfer Technology using thermal transfer ribbons.

The place where Film is to be applied, be first cleaned by plain cloth or by using IPA and shall be dry, free from dust, then Film to be applied firmly with setting time minimum sixty seconds and no air bubble should remain.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

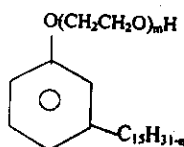
(21) Application No.: 549/MUM/2002 A (22) Date of filing of Application: 21/06/2002

(34) Title of the invention: A FUEL ADDITIVE COMPOSITION FOR STABILISING BLENDS OF ETHANOL AND A HYDROCARBON

<p>(51) International classification: C04 14/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>INDIAN OIL CORPORATION LIMITED.</b></p> <p>Address of the Applicant:</p> <p><b>G-9, ALI YAVAR JUNG MARG, BANDRA (EAST), MUMBAI : 400 051, MAHARASHTRA, INDIA, AN INDIAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <p>(1) DR. TULI DEEPAK KUMAR (2) DR. SARIN RAKESH (3) SWAMI KRISHAN KUMAR (4) PARKASH SHANTI (5) RANJAN RAJEEV (6) RAJE NIRANJAN RAGHUNATH (7) DR. VERMA RAM PRAKASH (8) DR. BHATNAGAR AKHILESH KUMAR</p>
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57) Abstract : The present invention provides a fuel additive composition for stabilizing blends of ethanol and a hydrocarbon boiling in the gasoline or diesel range,, comprising.

a) 0.1-10% of Cashew Nut Shell Liquid (CNSL) derivatives (s) or mixture thereof of formula:



Where in  $m = 0-12$

$N = 0, 2, 4 \text{ \& } 6$

and

b) 0.1-10% of an organic co-solvent

depending upon the percentage composition of diesel and ethanol blend

Figure : NIL

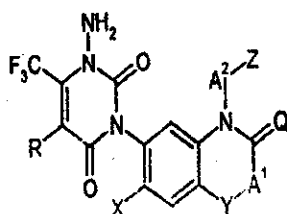
**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 550/MUM/2002 A (22) Date of filing of Application: 24/06/2002
- (54) Title of the invention: SUBSTITUTED BENZO-NITROGEN HETEROCYCLES

<p>(51) International classification: C07D 207/273</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10133691.8</p> <p>(32) Date : 12/07/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>BAYER AKTIENGESELLSCHAFT</p> <p>Address of the Applicant:</p> <p>D-51368 LEVERKUSEN, GERMANY</p> <p>GERMAN COMPANY</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. OTTO SCHALLNER</li> <li>2. DOROTHEE HOISCHEN</li> <li>3. MARK WILHELM DREWES</li> <li>4. PETER DAHMEN</li> <li>5. DIETERFEUCHT</li> <li>6. ROLF PONTZEN</li> </ol>
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57) Abstract : The invention relates to novel substituted benzo-nitrogen heterocycles of the formula (I)



In which

A<sup>1</sup>, A<sup>2</sup>, Q, R, X, Y, and Z are as defined in the description

and to a process for their preparation and to their use as anti-metastatic treatment agents.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 551/MUM/2002 A	(22) Date of filing of Application: 24/06/2002
(54) Title of the invention: HEAD MOUNTED UMBRELLA AND METHOD OF MANUFACTURING THE SAME	
(51) International classification: A45B 21/00  (30) Priority Data :  (31) Document No.: NIL  (32) Date : N.A.  (33) Name of convention country : NIL  (66) Filed U/s. 5(2) : NO.  (61) Patent of addition to application No.: NIL  (62) Filed on : N.A.  (63) Divisional to Application No.: NIL  (64) Filed on: N.A.	(71) Name of the Applicant:  <b>MAN HO YANG</b>  Address of the Applicant:  <b>DAICHI HYUNDAI APT 107 DONG 2001 HO. 974, DAICHI-DONG, GANGNAM-GU SEOUL 135-280 REPUBLIC OF KOREA</b>  (72) Name of the Inventors :  <b>1. JAE BONG YANG</b>

57) Abstract : A head mounted umbrella and a method thereof, which reduces its manufacturing cost and time and is stably held on a user's body without shaking, and which prevents a user's face from getting wet with rain water, and is hung on a hanger, is disclosed. The head mounted umbrella includes a hood part having a front opening, a body covering part manufactured in such a way that a circular basic cloth having a central opening and at least one cut radial portion is prepared, and adjacent radial edges of the basic cloth are coupled to each other to form a skirt shape, and the skirt-shaped cloth is coupled to a lower edge of the hood part, and an annular elastic ring is coupled to an outer peripheral edge of the body covering part by an attaching cloth strip.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 552/MUM/2002 A (22) Date of filing of Application: 24/06/2002

(54) Title of the invention: AN AYURVEDIC MEDICINAL PREPARATION

(51) International classification: A61K 9/00	(71) Name of the Applicant:  DR. ANTHONY JOSEPH
(30) Priority Data :	Address of the Applicant:
(31) Document No.: NIL	'ROSE', S.NO. 48/11 A, SAMATA COLONY, RAHALNI, PIMPRI, PUNE 411 042, MAHARASHTRA, INDIA
(32) Date : N.A.	(72) Name of the Inventors :
(33) Name of convention country : NIL	1) DR. ANTHONY JOSEPH
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The invention relates to a process for the preparation of ayurvedic medicinal preparation used as a prophylactic for cardiac ailments and for increasing cardiac muscle tonicity. The principle ingredient used are nuts from the plants belonging to the anacardiaceae family. The process includes deactivating or removal of toxins and irritants contained in the nuts, and extracting the oil from the nuts. By a separate process and extract of Allium Sativum Linn and Zingiber Officinale Rose and are prepared in a vegetable oil. The filtered oil extract and Allium Sativum Linn and Zingiber Officinale Rose extract are mixed together.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 553/MUM/2002 A	(22) Date of filing of Application: 24/06/2002
(54) Title of the invention: A PROCESS FOR PREPARING SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING SELECTIVE HERBICIDES AND IMPROVEMENTS IN THE USE OF SELECTIVE HERBICIDES	
(51) International classification: A 01 N 43/00  (30) Priority Data :  (31) Document No.: NIL  (32) Date : N.A.  (33) Name of convention country : NIL  (66) Filed U/s. 5(2) : NO.  (61) Patent of addition to application No.: NIL  (62) Filed on : N.A.  (63) Divisional to Application No.: NIL  (64) Filed on: N.A.	(71) Name of the Applicant:  <b>UNITED PHOSPHORUS LIMITED</b>  Address of the Applicant:  <b>3-11 GIDC, VAPI-396 195, STATE OF GUJARAT, INDIA.</b>  (72) Name of the Inventors :  <b>1. PRAKASH MAHADEV JADHAV</b> <b>2. JAIDEV RAJANIKANT SHROFF</b>

57) Abstract : A process for preparing synergistic herbicidal compositions which comprises mixing thoroughly Pyrazosulfuron ethyl, in an amount ranging from 0.01 to 5% by weight of composition, one of the other herbicide preferably one out of Butachlor, Pretilachlor, and 2, 4-D, in an amount ranging from 1 to 50% by weight of composition and 45 to 98.99% by weight of conventional agriculturally accepted carrier(s), adjuvant(s) and excepiant(s) for preparing synergistic herbicidal compositions as per the following process:

- 1) the first part, comprising of Pyrazosulfuron ethyl and an agriculturally acceptable carrier (s), surfactants (s); and premixing these ingredient (s) and or adjuvants thoroughly for atleast ½ hour in a pre-blender/mixer to have a homogenous mixture of all the ingredient(s) of the first part as described.
- 2) the second part, comprising of stabilizers, solublizers, adjuvants and second herbicide preferably one or more from, Butachlor, Pretilachlor or 2,4-D mixing these (stabilizers, solublizers, adjuvants and herbicide) in a mixer equipped with mixing arrangement or have a homogeneous mixture of all ingredients (s) of the second part;
- 3) adding gradually the first part of the combination, as a whole or a part thereof, to the first part; at a rate of addition of 0.1 to 100 kg/hour
- 4) thereafter the whole material of the step (3) is mixed thoroughly for atleast 1 hour to have a homogenous mixture;

Figure : 11.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 554/MUM/2002 A (22) Date of filing of Application: 24/06/2002

(54) Title of the invention: 3D-PLUS STEREOSCOPY FOR TELEVISION, MOTION PICTURE FILM, PHOTOGRAPHIC AND NON PHOTOGRAPHIC PRINT MATERIAL.

(51) International classification: G 03 B 1/00	(71) Name of the Applicant:
(30) Priority Data :	RAMESH RAMCHAND MIRCHANDANI
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	403/4, NAGARA, NEAR COLABA POST OFFICE, MUMBAI : 400 005, INDIA.
(33) Name of convention country : NIL	(72) Name of the Inventors :
(66) Filed U/s. 5(2) : NO.	RAMESH RAMCHAND MIRCHANDANI
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

57) Abstract : Conventional 3-dimensional viewing [3D] technology falls far short of 'Virtual reality experiential perception' that enthrals viewer in terms of braking barrier between images and viewer's viewing space. The '3D-plus stereoscopy for television, motion picture film, photographic and non-photographic material' is a massive leap over the conventional 3D-viewing technology that obviates use of special Polaroid lenses for shooting and special Polaroid glasses for viewing. The invention helps viewer to experience objects of motion pictures traveling towards him and to print image producing from media surface. The invention hinges on using 'anaglyphs' that are viewed through red/cyan or green/magenta or blue/yellow viewing gel glasses.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 556/MUM/2002 A (22) Date of filing of Application: 26/06/2002

(54) Title of the invention: **NORMALLY INTELOCKED UNIVERSAL DIFFERENTIAL DEVICE**

<p>(51) International classification: B62D 5/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 01114361.4</p> <p>(32) Date : 13/07/2001</p> <p>(33) Name of convention country : CHINA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>DIANXI ZHOU</b></p> <p>Address of the Applicant:</p> <p><b>FL. 3, SHIXI GONGCHANG, HUBEI QICHE GONGYE XUEYUAN, SHIYAN CITY, HUBEI PROVINCE, PEOPLES REPUBLIC OF CHINA 442 002</b></p> <p>(72) Name of the Inventors :</p> <p><b>1) DIANXI ZHOU</b></p>

**57) Abstract :** A normally interlocked universal differential device comprises four differentials and two power distributors, in which a central composite differential is disposed in the central portion thereof, and includes an outer differential and an inner differential fitted into said outer differential, two side differentials are connected to both side ends of said central composite differential, power is transmitted to said power distributors from both ends of said two side differentials. The differential device can prevent a vehicle from slipping in the desert zone or the marsh land. The differential device is easy to assemble and has small size, thus increasing the steering ability, and it can be applied to the all wheel drive automobile, the tractor, the wheeled engineering machinery and the wheeled engineering vehicle.

**Figure : NIL**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 557/MUM/2002 A (22) Date of filing of Application: 26/06/2002

(54) Title of the invention: A PROCESS FOR PREPARING SYNERGISTIC INSECTICIDAL COMPOSITION CONTAINING CHLORONICOTYNYLE AND PYRETHROIDS COMPOUNDS.

(51) International classification: A01N 53/00	(71) Name of the Applicant:
(30) Priority Data :	UNITED PHOSPHORUS LIMITED
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	3-11 GIDC, VAPI-396 195, STATE OF GUJARAT, INDIA.
(33) Name of convention country : NIL	
(66) Filed U/s. 5(2): NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. PRAKASH MAHADEV JADHAV
(63) Divisional to Application No.: NIL	2. JAIDEV RAJANIKANT SHROFF
(64) Filed on: N.A.	

57) Abstract : The invention disclosed in this application relates to a process for preparing synergistic insecticidal composition containing Chloronicotynyle and Pyrethroids compounds, which comprises mixing thoroughly, one or more Chloronicotynyle compound, in an amount ranging from 0.1 to 5% by weight of the composition, one or more compounds falling within the group of Pyrethroids compounds, in an amount ranging from 1.0 to 60% by weight of the composition and 98.90 to 35% by weight of conventional agriculturally acceptable carrier (s) and excepients(s)

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 558/TM/2002 A (22) Date of filing of Application: 26/06/2002
- (54) Title of the invention: **A PROCESS FOR PREPARING SYNERGISTIC INSECTICIDAL COMPOSITION CONTAINING CHLORONICOTYNYLE AND PYRETHROIDS COMPOUNDS.**

<p>(51) International classification: A0N 55/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>UNITED PHOSPHORUS LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>3-11 GIDC, VAPI-396 195, STATE OF GUJARAT, INDIA.</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. PRAKASH MAHADEV JADHAV</b>  <b>2. JAIDEV RAJANIKANT SHROFF</b></p>
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57) Abstract : The invention disclosed in this application relates to a process for preparing synergistic insecticidal composition containing Chloronicotynyle and Pyrethroids compounds, which comprises mixing thoroughly, one or more Chloronicotynyle compound, in an amount ranging from 0.1 to 5% by weight of the composition, one or more compounds falling within the group of Pyrethroids compounds, in an amount ranging from 1.0 to 60% by weight of the composition and 98.90 to 35% by weight of conventional agriculturally acceptable carrier (s) and exceptant(s)

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 559/MUM/2002 A (22) Date of filing of Application: 26/06/2002

(54) Title of the invention: SUN REFLECTOR

(51) International classification: F24J 2/18

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**ARUN GOMTI SHANKER SHUKLA**

Address of the Applicant:

**670, KAMLA NEHRU NAGAR, GARHA  
ROAD, JABALPUR, MADHYA PRADESH  
INDIA.**

(72) Name of the Inventors :

**1) ARUN GOMTI SHANKAR SHUKLA**

57) Abstract : This invention comprises of a device which works on the principle of Sun Tracking & Reflecting and comprises of a bar rotating on parallel-earth-axis with the speed equal and opposite to that of the earth, and a director-bar fitted on the above rotating-bar, and a calendar-arc, having markings for all the days of the year, according to which the director-bar has to be fixed for that particular day for Suntracking and consists of a novel arrangement of sun tracking bar, mirror bar and the target bar as an isosceles triangle so that the sunlight is continuously reflected on the target area irrespective of the position of the sun during the day.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 560/MUM/2002 A (22) Date of filing of Application: 26/06/2002

(54) Title of the invention: CURING CATALYST

<p>(51) International classification: C 08 L 25/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/976,939</p> <p>(32) Date : 12/10/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>ATOFINA CHEMICALS, INC.</b> <b>A CORPORATION ORGANIZED UNDER</b> <b>THE LAWS OF THE COMMONWEALTH</b> <b>OF PENNSYLVANIA</b></p> <p>Address of the Applicant:</p> <p><b>2000 MARKET STREET, PHILADELPHI</b> <b>PENNSYLVANIA 19103-3222, UNITED</b> <b>STATES OF AMERICA</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. CHIISHU CHEN</b> <b>2. PETER ANTHONY CALLAIS</b> <b>3. JOHN MICHAEL WEST</b></p>
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57) Abstract : Use of OO-t-amyl-O(2-ethylhexyl)monoperoxycarbonate as a curing catalyst for bulk molding compounds ("BMC"s) and sheet molding compounds ("SMC"s) is provided.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 562/MUM/2002 A (22) Date of filing of Application: 26/06/2002

(54) Title of the invention: AN AUTOMATED QUERY ANSWERING SYSTEM INCLUDING METHOD AND COMPUTER PROGRAM PRODUCT THEREFOR.

<p>(51) International classification: H 04 M 1/64</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>TATA INFOTECH LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>MANISH COMMERCIAL CENTRE, 216- DR. ANNIE BESANT ROAD, WORLI, MUMBAI-400025, MAHARASHTRA, INDIA, AN INDIAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. GHOSH HIRANMAY 2. DR. CHAUDHURY SANTANU 3. MALIK DEEPANSH</b></p>
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- 57) Abstract : The present invention relates to an automated query answering system comprising:
- an interactive use interface for enabling the user to input a query and obtain the answer to the query
  - a query interpreter connected to the user interface for interpreting the query,
  - the said query interpreter is further connected to a knowledge base containing domain specific information needed for interpreting and answering queries relevant to each domain, and
  - a reasoning engine that analyses each interpreted query determines ambiguity elicits clarification if needed from the user using the user interface for refining the queries and rendering the query unambiguous and then provides the solution to unambiguous queries.

The invention also includes method and computer program product therefore.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 563/MUM/2002 A (22) Date of filing of Application: 26/06/2002

(54) Title of the invention: ANTI-INFLAMMATORY PHYTOCONSTITUENT DERIVATIVES

(51) International classification: A61K 035/78,	(71) Name of the Applicant:
(30) Priority Data :	AJANTA PHARMA LIMITED
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	AJANTA HOUSE, 98, GOVT. INDUSTRIA
(33) Name of convention country : NIL	AREA, CHARKOP, KANDIVLI (W),
(66) Filed U/s. 5(2) : YES	MUMBAI-400 067,
(61) Patent of addition to application No.: NIL	MAHARASHTRA, INDIA.
(62) Filed on : N.A.	(72) Name of the Inventors :
(63) Divisional to Application No.: NIL	1. BIYANI MILIND KESHARLAL
(64) Filed on: N.A.	2. BANAVALIKER MANISHA
	MANOHAR
	3. SUTHAR ASHISH CHANDRAKANT

57) Abstract : The present relates to anti-inflammatory phytoconstituent derivatives derived from the gum resin of Boswellia serrata with ameliorated amounts of acetates of keto-beta-boswellic acid and less quantities of other boswellic acids and the incorporation of the same in oral dosage forms like tablets, capsules or, sachets useful in various inflammatory conditions.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 564/MUM/2002 A (22) Date of filing of Application: 26/06/2002

(54) Title of the invention: PROCESS FOR THE PREPARATION OF SPECIALITY OIL FROM A MIXTURE OF C<sub>16</sub>-C<sub>28</sub> OLEFINS.

(51) International classification: C07B 35/00

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

INDIAN PETROCHEMICALS  
CORPORATION LIMITED, A  
GOVERNMENT OF INDIA COMPANY,

Address of the Applicant:

P.O. PETROCHEMICALS, DISTRICT  
VADODARA 391 346, GUJARAT, INDIA.

(72) Name of the Inventors :

- 1) WALI ANIL
- 2) PILLAI S. MUTHUKUMARU

57) Abstract : A process for the preparation of saturated oils is disclosed. The process comprises hydrogenating a hydrocarbon mixture consisting of C<sub>16</sub>-C<sub>28</sub> olefins at a temperature in the range of from 150 to 170° C in the presence of a catalyst.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 565/MUM/2002 A (22) Date of filing of Application: 26/06/2002

(54) Title of the invention: NOVEL FLOATING DOSAGE FORM

<p>(51) International classification: A61K 9/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>CADILA HEALTHCARE LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD 380 015, GUJARA INDIA</b></p> <p>(72) Name of the Inventors :</p> <p><b>1) BRAJ B. LOHRAY 2) SANDIP B. TIWARI 3) RAVEENDRA M. PAI 4) T. KRISHNA MURTHY 5) PAVAK R. MEHTA</b></p>

57) Abstract : Present invention relates to a novel pharmaceutical composition containing an active ingredient(s) which is retained in the stomach or upper part of gastrointestinal tract for controlled delivery of medicament for improved local treatment, and/or better absorption from upper parts of gastrointestinal tract for effective therapeutic results. Present invention also provides a method for preparation of the said dosage form preferably in the form of a bilayer tablet, in which one layer constitutes for spatial control and the other being for temporal control.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 566/MUM/2002 A (22) Date of filing of Application: 28/06/2002

(54) Title of the invention: "5-THIAZOLYL-ARYL METHANONE OXIME DERIVATIVES, METHOD OF THEIR PRODUCTION AND USE".

(51) International classification: C07D 277/00

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2): YES.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**B. V. PATEL PHARMACEUTICAL  
EDUCATION AND RESEARCH  
DEVELOPMENT (PERD) CENTRE**

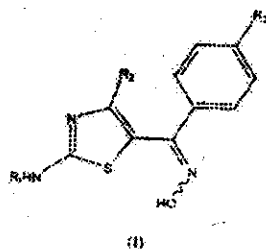
Address of the Applicant:

**THALTEJ-GANDHINAGAR HIGHWAY,  
THALTEJ, AHMEDABAD-380054,  
GUJARAT, INDIA, AN INDIAN  
INSTITUTE**

(72) Name of the Inventors :

1. FRANKLIN. P. X.
2. PARENDU D. RATHOD
3. AJAY D. PILLAI
4. DR. V. SUDARSANAM
5. DR. KAMALA K. VASU
6. PROF. HARISH PADH

57) Abstract : The compounds of formula I



Wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub> are each independently selected from the group consisting of hydrogen, C<sub>1-2</sub> alkyl, alkoxycarbonyl, aryl, aroyl, halo, acetamido, methane sulfonyl and the like., their process for manufacture and their usefulness as anti-inflammatory agents for treatment of inflammatory diseases such as reperfusion injury of an ischemic organ, eg. reperfusion injury to the ischemic myocardium, myocardial infraction, inflammatory bowel disease, rheumatoid arthritis, hypertension, psoriasis, organ transplantation, osteoarthritis, organ transplant rejection, importance, radiation induced injury, asthma, athersclerosis, thrombosis, influenza, stroke, burns, trauma, acute pancreatitis, pain and auto-immune disease and method of treating these inflammatory disease conditions in animals in need, thereof.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 567/MUM/2002 A (22) Date of filing of Application: 27/06/2002  
(54) Title of the invention: SEALING ARRANGEMENT FOR FLIP TOP PACK

(51) International classification: B65D 5/54	(71) Name of the Applicant:
(30) Priority Data :	VISHWAS SHRIKANT MOKASHI
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	2041, TILAK ROAD, PUNE 411 030
(33) Name of convention country : NIL	
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1) VISHWAS SHRIKANT MOKASHI
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

57) Abstract : Tamperproof packing of bottles using Flip Top Packs can be achieved by our sealing system of a threat formed form the FLIP TOP TIP in the same mould which is locked in a locking point provided on the bottle cap.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 568/MUM/2002 A (22) Date of filing of Application: 28/06/2002

(54) Title of the invention: REMOTE CONTROL LOCK OPERATION SYSTEM FOR VEHICLES

(51) International classification: B 60 R 16/02  
B 60 R 25/00

(30) Priority Data :

(31) Document No.: 2001-204744 and 2001-204743

(32) Date : 05/07/2001 and 05/07/2001

(33) Name of convention country : JAPAN

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

HONDA GIKEN KOGYO KABUSHIKI  
KAISHA

Address of the Applicant:

1-1, MINAMIAOYAMA 2-CHOME,  
MINATO-KU, TOKYO, JAPAN.

(72) Name of the Inventors :

1. TAKESHI KONNO
2. MASAYOSHI ORITA
3. ATSUO OTA

(57) Abstract :

A remote control lock operation system for vehicles, comprising :

a hand-held transmitter  
a receiver capable of receiving the signal transmitted by the transmitter;  
a mechanical locking mechanism for mechanically disabling travel of the vehicle;  
a lock actuator capable of at least unlocking the mechanical locking mechanism;  
a control unit for determining whether or not the signal received by the receiver is acceptable, and operating and controlling the lock actuator based on the received signal when the signal is acceptable; and  
a common module having mounted on a body of the vehicle for housing the receiver, the mechanical locking mechanism, the lock actuator, the control unit, and wiring section connecting the lock actuator and the receiver to the control unit.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 569/MUM/2002 A (22) Date of filing of Application: 28/06/2002

(54) Title of the invention: RESONANT CAVITY SENSOR FOR DIP

(51) International classification: B 05 D 001/18	(71) Name of the Applicant:  <b>THE GOODYEAR TIRE &amp; RUBBER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, U.S.A</b>
(30) Priority Data :	<b>Address of the Applicant:</b>  <b>1144 EAST MARKET STREET, AKRON, OHIO 44316-0001, UNITED STATES OF AMERICA</b>
(31) Document No.: 09/903, 042	(72) Name of the Inventors :  <b>1. JON MICHAEL MADARAS 2. KENNETH MICHAEL KOT 3. PAUL MICHAEL BUJAK</b>
(32) Date : 11/07/2001	
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

57) Abstract : A resonant cavity frequency sensing device is used to sense the moisture content of a substrate. Data obtained by the sensing device can be used in a feedback loop in the apparatus employing the device, to help control the operation of the apparatus in order to obtain consistent results. The sensor may employ one pair of sensing plates or an array of pairs of sensing plates to obtain data from each part of the substrate. In an illustrated embodiment, the device is used to monitor and control dip uptake in a fabric adhesive dipping process.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 570/MUM/2002 A (22) Date of filing of Application: 28/06/2002

(54) Title of the invention: LOCKING CONTAINER

(51) International classification: B65D 55/02

(30) Priority Data :

(31) Document No.: 1) 60/305,851 2) 10/118,023  
3) 60/325,181 4) 10/040,775

(32) Date : 1) 18/07/2001 2) 09/04/2002  
3) 28/09/2001 4) 07/01/2002

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2): NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**WESTVACO CORPORATION**

**Address of the Applicant:**

**ONE HIGH RIDGE PARK, STAMFORD,  
CONNECTICUT 06905, UNITED STATES  
OF AMERICA, A CORPORATION  
ORGANISED UNDER THE LAWS OF TH  
STATE OF DELAWARE, UNITED STATE  
OF AMERICA.**

(72) Name of the Inventors :

1. JOHN A. GELARDI
2. TODD H. HUFFMAN
3. BRAD A. JONES
4. WILLIAM R. RIGBY
5. KESHAV SHARMA

57) Abstract : A unit does package formed from the combination of a flexible portion, preferably of paperboard, which houses unit does materials , and a rigid molded plastic locking mechanism comprising a child resistant tigger release mechanism.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 571/MUM/2002 A (22) Date of filing of Application: 28/06/2002

(54) Title of the invention: UNIT DOSE PACKAGING SYSTEM WITH MOLDED LOCKING FEATURE

<p>(51) International classification: B65D 83/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 60/305,851 2) 10/118,023 3) 60/325,181 4) 10/040,775</p> <p>(32) Date : 1) 18/07/2001 2) 09/04/2002 3) 28/09/2001 4) 07/01/2002</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>WESTVACO CORPORATION</b></p> <p>Address of the Applicant:</p> <p><b>ONE HIGH RIDGE PARK, STAMFORD, CONNECTICUT 06905, UNITED STATES OF AMERICA, A CORPORATION ORGANISED UNDER THE LAWS OF TH STATE OF DELAWARE, UNITED STATE OF AMERICA.</b></p> <p>Name of the Inventors :</p> <p>(72)</p> <ol style="list-style-type: none"> <li>1. JOHN A. GELARDI</li> <li>2. TODD H. HUFFMAN</li> <li>3. BRAD A. JONES</li> <li>4. WILLIAM R. RIGBY</li> <li>5. KESHAV SHARMA</li> </ol>
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57) Abstract : A unit does package formed from the combination of a flexible portion, preferably of paperboard, which houses unit does materials , and a rigid molded plastic locking mechanism comprising a child resistant tigger release mechanism.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 573/MUM/2002 A (22) Date of filing of Application: 28/06/2002

(54) Title of the invention: SOIL CONDITIONER AND WATER VITALISER

<p>(51) International classification: A 01 B 5/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 01 120 106.8</p> <p>(32) Date : 22/08/2001</p> <p>(33) Name of convention country : EUROPEAN</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) DIETER MEYER 2) HANS-PETER BRAUN</p> <p>Address of the Applicant:</p> <p>1) ERLENGGRUNDSTRASSE 45, D-31542 BAD NENNDORF, FEDERAL REPUBLIC OF GERMANY, GERMAN NATIONAL</p> <p>2) BAHNHOFSTRASSE 6, D-31515 NEUSTADT, FEDERAL REPUBLIC OF GERMANY, GERMAN NATIONAL</p> <p>(72) Name of the Inventors :</p> <p>1. DIETER MEYER 2. HANS-PETER BRAUN</p>

57) Abstract : The invention relates to a soil conditioner comprising a mixture of an aqueous solution manufactured with constant stirring of sodium hydroxide, acetic acid and 1,2,3-propanetriol and an aqueous solution produced under constant stirring from saccharose, potassium hydrogentartrate and acetic acid.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 574/MUM/2002 A (22) Date of filing of Application: 28/06/2002

(54) Title of the invention: AN IMPROVED CPU HOLDER

<p>(51) International classification: B 43 L 015/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SUNIL KHUSHIRAM DEVNANI</b></p> <p>Address of the Applicant:</p> <p><b>14, NEW INDIA INDUSTRIAL ESTATE, OFF MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI- 400 093, MAHARASHTRA, INDIA.</b></p> <p>(72) Name of the Inventors :</p> <p><b>1) SUNIL KHUSHIRAM DEVNANI 2) ANIL KHUSHIRAM DEVNANI</b></p>
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57) Abstract : An improved CPU Holder (1) for fixing the holder at the underside of work station (2) as a suspended slidable and rotatable brackets (3) comprising two slidable channels fixely connected two opposite end (4), (5) of the mounting plate (6), which is rotably mounted (7) and slidable into the channels of two engagable sliding brackets (8), (9) which are fixely connected on the underside of the work station; the said mounting plates off centered at the bottom having a elongated stand (10) telescopically mounted with hollow (11) on which a fastening means (12) are passing there through; for fixing the inner adjustable stand members having tapered (13) at the back center for fixing the stand at any desired position; the outer hollow at its bottom (14) is connected with two overlapping flunge carrier plate (15) for accommodating the CPU width adjustable (16) by a slot and pin arrangement; the said CPU which is provided with two cushion members at its two ends for reduction eliminating vibrational shock.

Figure : NIL

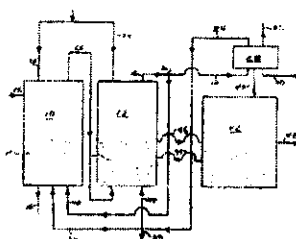
**Publication After 18 months.**

The following Patent applications have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/00738A (22) Date of filing of : 03.06.2002 application  
(54) Title of the Invention : HYDROGEN PRODUCTION FROM CARBONACEOUS MATERIAL

<p>(51) International classification : C01B 3/02</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/170, 117 AND 09/528,122</p> <p>(32) Date : 09.12.1999 AND 16.3.2000</p> <p>(33) Name of convention country : UNITED STATES OF AMERICA.</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NIL</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : THE REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ALAMOS NATIONAL LABORATORY, LC/BPL, MS, D412, LOS ALAMOS, NM 87545, UNITED STATES OF AMERICA.</p> <p>(72) Name of the Inventors : 1. LACKNER, KLAUS S. 2. ZIOCK, HANS J. 3. HARRISON DOUGLAS P.</p>
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(57) Abstract : The fuel is gasified with hydrogen in a hydrogenation reaction (10) to produce a methane-rich gaseous reaction product (22), which is then reacted with water and calcium oxide in a hydrogen production and carbonation reaction (12) to produce hydrogen and calcium carbonate. The calcium carbonate may be continuously removed from the hydrogen production and carbonation reaction zone (12) and calcined to regenerate calcium oxide, which may be reintroduced into the hydrogen production and carbonation reaction zone (10). Hydrogen produced in the hydrogen production and carbonation reaction (42) is more than sufficient both to provide the energy necessary for the calcination reaction and also to sustain the hydrogenation of the coal in the gasification reaction (10). Substantially all of the carbon introduced as fuel ultimately emerges from the invention process in a stream of substantially pure carbon dioxide (48).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

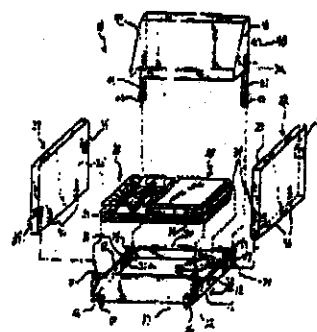
(21) Application No.: PCT/2002/00739A

(22) Date of filing of : 03.06.2002  
application

(54) Title of the Invention : MODULAR UPHOLSTERED FURNITURE CONSTRUCTION

<p>(51) International classification : A47C 4/02</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/435,165</p> <p>(32) Date : 03.11.1999</p> <p>(33) Name of convention country : UNITED STATES OF AMERICA.</p> <p>(66) Filed U/s 5(2) : no</p> <p>(61) Patent of addition to application No.</p> <p>(62) Filed on :na</p> <p>(63) Divisional to Application No. :na</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : NIEDERMAN ALFRED G. OF 946 ROLLINGWOOD ROAD, HIGHLAND PARK II, 60035, UNITED STATES OF AMERICA.</p> <p>(72) Name of the Inventors :</p>
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(57) Abstract : An easily assembled and disassembled modular furniture system is disclosed. The furniture system includes a base frame (12) having a front member (14). A first side member (16), a second member (18) and a rear member (20). A plurality of furniture modules including a first arm module (22), a second arm module (24) and one of a spring nest module (26) and a sleeper module (28) are mounted to the base frame using a plurality of fastener assemblies (32, 34). Each of the stud members (32) and the brackets (34) are secured to opposing locations of the base frame and at least one of the modules so that the modules may be positioned upon the frame by engaging the aligning receptacle brackets upon the corresponding said members without the use of tools.





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/00742A (22) Date of filing of : 04.06.2002  
application  
(54) Title of the Invention : ORGANOMETAL CATALYST COMPOSITIONS

(51) International classification : C08F 2/06 (30) Priority Data : (31) Document No.09/464,953 (32) Date :16.12.1999 (33) Name of convention country :USA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NIL (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : PHILLIPS PETROLEUM COMPANY 4 <sup>TH</sup> ANDKELLER, BARTLESVILLE, OK 74004, UNITED STATES OF AMERICA.  (72) Name of the Inventors : 1. MCDANIEL MAX. P 2. COLLINS, KATHY, S. 3. BENHAM ELIZABETH A. 4. EATON, ANTHONY P. 5. JENSEN MICHAEL, D. 6. MARTIN, JOEL, L. 7. HAWLEY, GIL, R. 8. HSIEH, ERK T.
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(57) Abstract : This invention provides catalyst compositions that are useful for polymerizing at least one monomer to produce a polymer. This invention also provides catalyst composition that are useful for polymerizing atleast one monomer to produce a polymer, wherein said catalyst composition a post-contacted organo metal compound, a post-contacted organo aluminium compound and a post-contacted treated solid oxide compound.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/00743A (22) Date of filing of : 04.06.2002  
application  
(54) Title of the Invention : ISOXAZOLE DERIVATIVES AS PHOSPHODIESTERASE VII INHIBITORS

(51) International classification : A61K 31/42 (30) Priority Data : (31) Document No.199 53 024.6 (32) Date :04.11.1999 (33) Name of convention country :DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NIL (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MERCK PATENT GMBH FRANKFURTER STRASSE 250, 64293, DARMSTADT (DE)  (72) Name of the Inventors :1. JONAS ROCHUS 2. WOLF MICHAEL 3. GASSEN MICHAEL 4. WELGE THOMAS 5. EGGEN WEILER HANS-MICHAEL
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(57) Abstract : The invention relates to compounds of the formula (I), wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> have the meaning indicated in claim 1 and to the physiologically acceptable salts and/or solvents thereof that are used as phosphodiesterase VII inhibitors and to their use in the production of medicaments.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) **Application No. IN/PCT/2002/00744A** (22) **Date of filing of : 03.06.2002 application**  
 (54) **Title of the Invention : PYRROLE DERIVATIVES AS PHOSPHODIESTERASE VII INHIBITORS**

(51) <b>International classification : C07D 207/34</b> (30) <b>Priority Data :</b> (31) <b>Document No. 199 53 025.4</b> (32) <b>Date :04.11.1999</b> (33) <b>Name of convention country :DE</b> (66) <b>Filed U/s 5(2) :NA</b> (61) <b>Patent of addition to application No. NIL</b> (62) <b>Filed on :NA</b> (63) <b>Divisional to Application No. :NIL</b> (64) <b>Filed on :NA</b>	(71) <b>Name of the Applicant :</b> MERCK PATENT GMBH OF <b>FRANKFURTER STRASSE 250, 64293, DARMSTADT (DE</b>  (72) <b>Name of the Juventors :</b> 1. JONAS ROCHUS 2. WOLF MICHAEL. 3. GASSEN MICHAEL. 4. WELGE THOMAS 5. EGGEN WEILER HANS MICHAEL.
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- (57) **Abstract :** The invention relates to compounds of formula (I), wherein  $R^1$ ,  $R^2$  represent independently H, A, OA, SA or hal,  $R^3 = H$  or A,  $R^4 = A$  or  $NH_2$ ,  $R^5 = H$ ,  $NH_2$ , NHA or  $NA_2$ , A = alkyl having 1 to 10 C-atoms, alkenyl, cycloalyl or alkylencycloalkyl Hal = F, Cl, Br or I. The invention also relates to physiologically compatible salts and/or solvents of said compounds as phosphodiesterase.VII inhibitors.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) **Application No. IN/PCT/2002/00745A** (22) **Date of filing of : 03.06.2002 application**  
 (54) **Title of the Invention : A STABLE FORMULATION OF INTERFERON, THE PREPARATION METHOD AND USES THEREOF**

(51) <b>International classification : A61K 38/21</b> (30) <b>Priority Data :</b> (31) <b>Document No. 99125582.8</b> (32) <b>Date :06.12.1999</b> (33) <b>Name of convention country :CHINA</b> (66) <b>Filed U/s 5(2) :NIL</b> (61) <b>Patent of addition to application No. NA</b> (62) <b>Filed on :NA</b> (63) <b>Divisional to Application No. :NIL</b> (64) <b>Filed on :NA</b>	(71) <b>Name of the Applicant :</b> TIANJIN HUALDIA BIOENGINEERING CO.LTD. NO.4 ZHONGSHANBEI ROAD, HEBEI DISTRICT, TIANJIN 300241, CHINA  (72) <b>Name of the Inventors :ZHANG , LEI</b>
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- (57) **Abstract :** The invention involves a stable aqua formulation of alpha interferon, free of preservative and human blood-derived products, comprising the follows : a) alpha interferon; b) the buffer system maintaining pH 4.5-9.0; c) stablizing agents; d) non-ion surfactant, and e) permeation-modifying agent; the preparation method thereof and the uses in treating virus tumorous and immune disease.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) **Application No.** IN/PCT/2002/00746A (22) **Date of filing of :** 03.06.2002  
application  
(54) **Title of the Invention :** FLUORSCENT LAMP HAVING A SINGLE COMPOSITE PHOSPHOR LAYER

<p>(51) <b>International classification :</b> H01J 61/44, 61/46 (30) <b>Priority Data :</b> (31) <b>Document No.</b> 09/694, 2001 (32) <b>Date :</b> 23.10.2000 (33) <b>Name of convention country :</b> UNITED STATES OF AMERICA. (66) <b>Filed U/s 5(2) :</b> NIL (61) <b>Patent of addition to application No.</b> NA (62) <b>Filed on :</b> NA (63) <b>Divisional to Application No.</b> : NIL (64) <b>Filed on :</b> NA</p>	<p>(71) <b>Name of the Applicant :</b> GENERAL ELECTRIC COMPANY OF 1, RIVER ROAD, SCHENECTADY, NEWYORK 12345, UNITED STATES OF AMERICA.  (72) <b>Name of the Inventors :</b> JANSMA, JON BENNETT</p>
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(7) **Abstract :** A mercury vapor discharge fluorescent lamp (10) is provided having a single composite phosphor-containing layer (14). The composite layer (14) contains both a heterogeneous mixture of halo phosphors (32), rare earth triphosphors (34) and colloidal alumina particles (36). The coating weight and relative proportion of halo phosphors (32) to triphosphors (34) are both tunable to obtain a lamp having specific performance characteristics suitable to a particular application. The colloidal alumina particles (36) contained in the composite layer (14) eliminate the need for a separately applied alumina layer as is conventional in the prior art.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/00747A

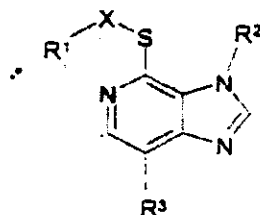
(22) Date of filing of : 04.06.2002  
application

(54) Title of the Invention : IMIDAZOPYRIDINE DERIVATIVES USED AS PHOSPHODIESTERASE VII INHIBITORS

<p>(51) International classification : C07D 471/04</p> <p>(30) Priority Data :</p> <p>(31) Document No. 199 53 414.4</p> <p>(32) Date : 06.11.1999</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : MERCK PATENT GMBH OF FRANKFURTER STRASSE 250, 64293, DARMSTADT (DE</p> <p>(72) Name of the Inventors : 1. EGGENWEILER HANS, MICHAEL 2. ACKERMANN, KARL-AUGUST. 3. JONAS ROCHUS. 4. WOLF MICHAEL 5. GASSEN MICHAEL</p>
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**(57) Abstract :**

Compounds of the formula I



5

in which

R<sup>1</sup> denotes CONR<sup>4</sup>R<sup>5</sup>,

R<sup>2</sup> denotes H or A,

R<sup>4</sup> and R<sup>5</sup>, independently of one another, each denote H or A<sup>1</sup>,

10 R<sup>3</sup> denotes Hal,

Hal denotes F, Cl, Br or I,

A denotes alkyl having 1-4 carbon atoms,

A<sup>1</sup> denotes alkyl having 1-10 carbon atoms,

X denotes alkylene having 1-4 carbon atoms, in which an

15

ethylene group may also be replaced by a double or triple bond,

and their physiologically acceptable salts and/or solvates,

as phosphodiesterase VII inhibitors, and their use for the preparation of a medicament.

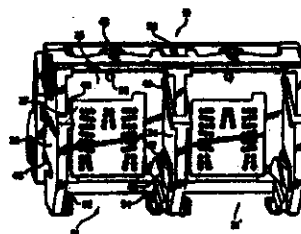
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/00748A (22) Date of filing of : 04.06.2002 application  
 (54) Title of the Invention : A HORIZONTALLY LOADABLE CARRIAGE FOR AN INK-JET PRINTER

(51) International classification : B41J 2/175 (30) Priority Data : (31) Document No.09/477, 644 (32) Date :05.1.2000 (33) Name of convention country :UNITED STATES OF AMERICA. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : HEWLETT-PACKARD COMPANY OF, M/S 20BN, 3000 HANOVER STREET, PALO ALTO, CA 94304-1112, UNITED STATES OF AMERICA.  (72) Name of the Inventors : 1. KLINE, DANIEL S. 2. YAMAMOTO , JUNJI
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(57) Abstract : A horizontally loadable carriage (19) for an ink-jet print cartridge (20). The carriage (19) scans in an in-jet printer (14) and includes a carriage body, a chute (31) for receiving an ink-jet print cartridge (20), and a generally horizontal guide rail (40) within the chute (31). The guide rail (40) is arcuate and inclined slightly upward to facilitate loading print cartridges into the carriage. The carriage further includes a cantilever bias spring (46) having a horizontal axis.



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/00749A (22) Date of filing of : 04.06.2002  
application  
(54) Title of the Invention : MOSFET DEVICE SYSTEM AND METHOD

(51) International classification : H01L  
21/336

(30) Priority Data :

(31) Document No.09/465,357

(32) Date :16.12.1999

(33) Name of convention country :UNITED  
STATES OF AMERICA.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No.NA

(62) Filed on :NS

(63) Divisional to Application No. :NIL

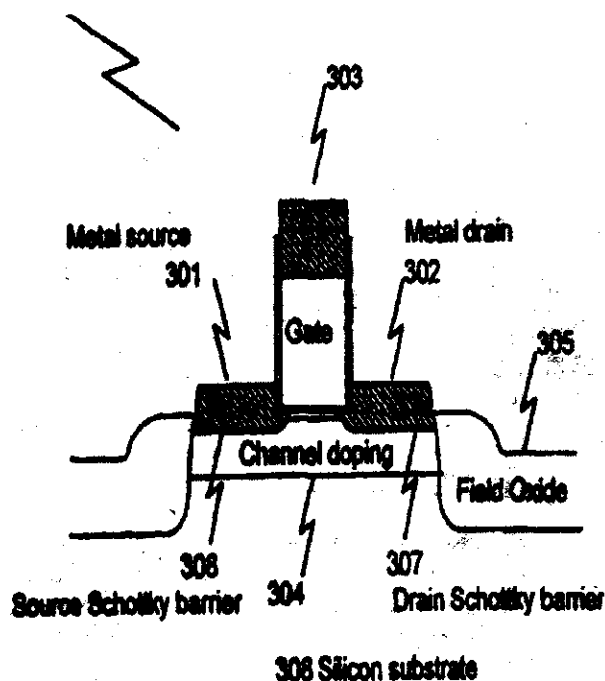
(64) Filed on :NA

(71) Name of the Applicant :

SPINNAKER SEMICONDUCTOR INC. OF 5705,  
LOIS LANE, EDINA, MN55439, UNITED STATES  
OF AMERICA.

(72) Name of the Inventors :

SNYDER, JOHN P

**(57) Abstract :**

A MISPEED device system and method of fabricating same are disclosed. The present invention utilizes Schottky barrier contacts (301, 302) for source and/or drain contact fabrication within the context of a MISPEED device structure to eliminate the requirement for halo/pocket implants and shallow source/drain extensions to control short channel effects. Additionally, the present invention unconditionally eliminates the parasitic bipolar gain associated with MISPEED fabrication, reduces manufacturing costs, tightens control of device performance parameters, and provides for superior device characteristics as compared to the prior art.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

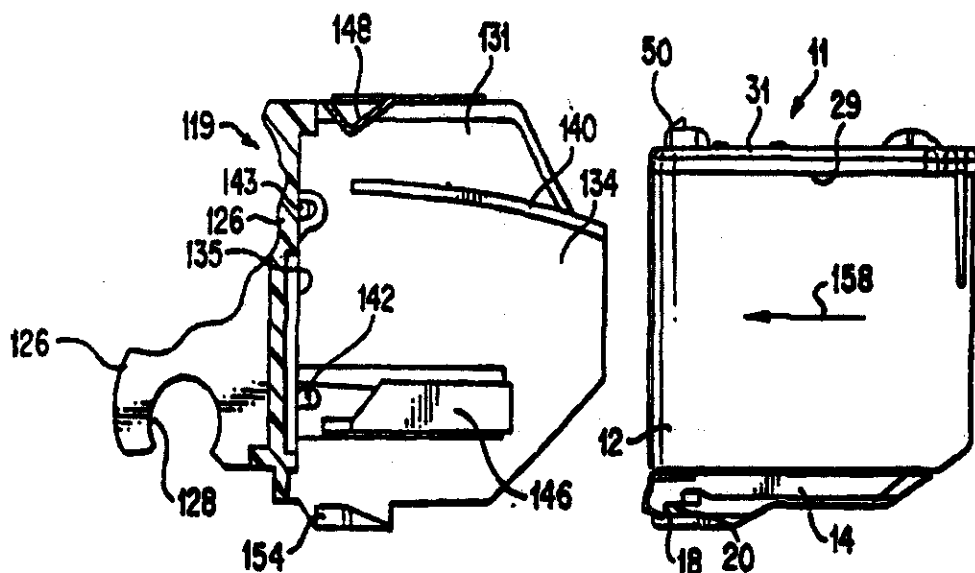
(21) Application No. IN/PCT/2002/00750A

(22) Date of filing of : 04.06.2002  
application

(54) Title of the Invention : METHOD AND APPARATUS FOR HORIZONTALLY LOADING AND UNLOADING AN INK-JET PRINT CARTRIDGE FROM CARRIAGE

<p>(51) International classification : B41J 2/00  (30) Priority Data :  (31) Document No. 09/477, 649  (32) Date : 5.1.2000  (33) Name of convention country : UNITED STATES OF AMERICA.  (66) Filed U/s 5(2) : NIL  (61) Patent of addition to application No. NIL  (62) Filed on : NA  (63) Divisional to Application No. : NIL  (64) Filed on : NA</p>	<p>(71) Name of the Applicant :  HEWLETT-PACKARD COMPANY  OF, M/S 20BN, 3000 HANOVER STREET,  PALO ALTO, CA 94304-1112, UNITED STATES OF AMERICA    (72) Name of the Inventors :  1. KLINE, DANIEL.  2. SANTHANAM, RAM.  3. YAMATO, JUNJI.  4. CHEN, CHEEE, MENG.</p>
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(57) Abstract :



An apparatus for horizontally loading and unloading an ink-jet print cartridge from a carriage in a printer. The apparatus includes a generally rectangular print cartridge, an elongate supporting lip located on a side wall of the print cartridge, a carriage body, a chute mounted on the carriage for receiving the print cartridge, and a generally horizontal rail on a side wall of the chute for guiding the print cartridge into the carriage. In operation, the apparatus horizontally loads a print cartridge into a carriage by translating the print cartridge horizontally forward into a carriage, engaging a lip on the print cartridge with a guide rail on the carriage, sliding the print cartridge up and over a datum on the carriage with the guide rail and latching the print cartridge in the carriage. The apparatus unloads a print cartridge from a carriage by rotating the print cartridge about a datum on the carriage, unlatching the print cartridge from the carriage, and horizontally translating the print cartridge out of the carriage.

## ALTERATION OF DATE UNDERSECTION—16

Patent No. 192220 (419/CAL/01) Ante-Dated to 31-10-2000.

Patent No. 192221 (217/CAL/95) Ante-Dated to 28-05-1990.

Patent No. 192222 (218/CAL/95) Ante-Dated to 28-05-1990.

Patent No. 192237 (1071/MAS/97) Ante-Dated to 29-06-1993.

## अभिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl : 192211

Int.Cl<sup>7</sup> : H05B 6/78, B65D85/48 B65D 81/02

Title : PACKAGING HOLDER DEVICE FOR POSITIONING AND PROTECTING A GLASS TRAY AND ROTATING RING WITHIN A CAVITY OF A MICROWAVE OVEN

Applicant : LG ELECTRONICS INC. OF 20, YOIDO-DDONG, YONGDUNGPO-KU, SEOUL, REPUBLIC OF KOREA.

Inventor : 1. TAE-HONG YEO

Application no. 2020/CAL/1996 FILED ON 21.11.1996  
(CONVENTION NO. 48317/1995 AND 48728/1995 FILED ON 11.12.1995 AND 12.12.1995 IN KOREA.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**6 CLAIMS.**

A packaging holder device for positioning and protecting a glass tray and rotating ring within a cavity of a microwave oven, the packaging holder device comprising:

A bottom seat part adapted to hold a glass tray; and

Side holder parts constituted of:

Two upper retaining flaps extending from the bottom seat part and being adapted to cover a portion of glass tray on the bottom part; and

Two lower retaining flaps extending from the bottom seat part and being adapted to tightly receive and hold diametrically opposite side portions of said glass tray.

*Complete Specifications : 17 pages.*

*Drawings: 5 sheets*

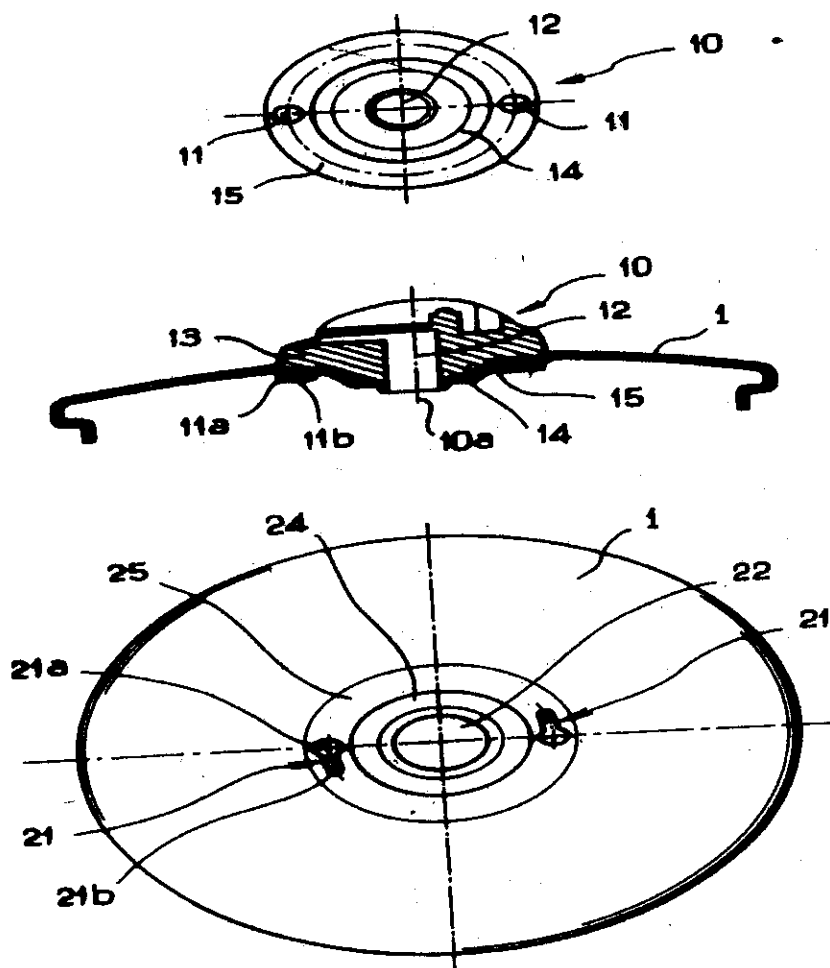
192212

Ind.Cl :  
 Int.Cl<sup>7</sup> : B65D25/28 A47J 36/06  
 Title : A LID WITH KNOB  
 Applicant : SEB S.A. OF LES 4M, CHERMIN DUPETIT BOIS 69130, ECULLY, FRANCE  
 Inventor : PHILIPPE RAOULT  
 Application no. 2196/CAL/96 FILED ON 19.12.1996

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

8 CLAIMS.



A lid (1) comprising

a holding knob (10), coupling means (11,21) for fixing the knob (10) to the lid (1), said coupling means (11,21) having a lug (11) on the holding knob (10) and a notch (21) on the lid (1), said notch (21) having an entry portion (21a) through which the lug (11) enters the notch (21) and a retaining portion (21b) for retaining the lug (11) in the notch (21), the lug (11) moving between the entry portion (21a) and the retaining portion (21b) of the notch (21) when the knob (10) and the lid (1) are moved relative to each other, wherein

the lid (1) has a recessed part (24) housing the coupling means (11,21) and a shoulder (25) between the recessed part (24) and the remainder of the lid (1);

the holding knob (10) has a portion (14) of substantially complementary shape to said recessed part (24);

said coupling means (11,21) are at the center of the holding knob (10) and the lid (1);

said notch (21) is formed in an insert (30) and said insert (30) is fixed into an opening in the lid (1) and is thicker than the lid (1);

said holding knob (10) is adapted to be moved over the recessed part (24) between the entry portion (21a) and the retaining portion (21b) of the notch (21), such that when the holding knob (10) is removed nothing projects from the lid (1).

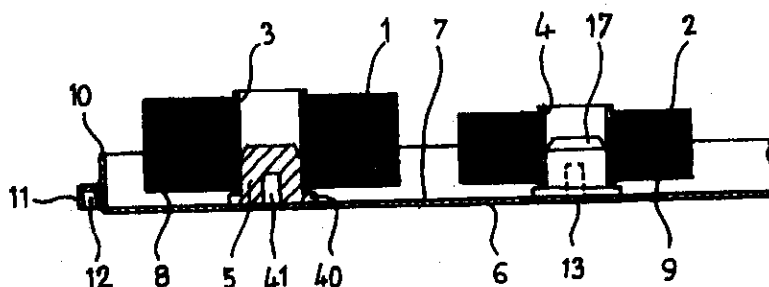
*Complete Specifications : 11 pages.*

*Drawings: 2 sheets*

Ind.Cl : 172D1(XX) 192213  
Int.Cl<sup>7</sup> : B65H49/38, 67/06 B65H 75/34  
Title : BOBBIN STORE FOR TEXTILE FIBRE PRODUCTION PLANTS.  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : 1. PETER ALTHOFF.  
2. UWE KRUEGER  
Application no. 692/CAL/1997 FILED ON 22.4.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)  
PATENT OFFICE KOLKATA.

**48 CLAIMS.**



Bobbin store for textile fibre production plants which is arranged as a material buffer between a continuous manufacturing process and downstream further -processing plants having standstill times, characterized in that the bobbin store is configured as a tray store with trays (6) which are movable within the latter and on which the bobbins (1,2) can be stored so as to avoid contact between a tray bottom (7) and their winding face (8, 9) confronting the tray bottom (7)

*Complete Specifications : 32 pages.*

*Drawings: 6 sheets*

Ind.Cl : 196 B1 192214

Int.Cl<sup>7</sup> : F24F 11/00

Title : AN AIR CONDITIONER AND CONTROL METHOD FOR THE SAME

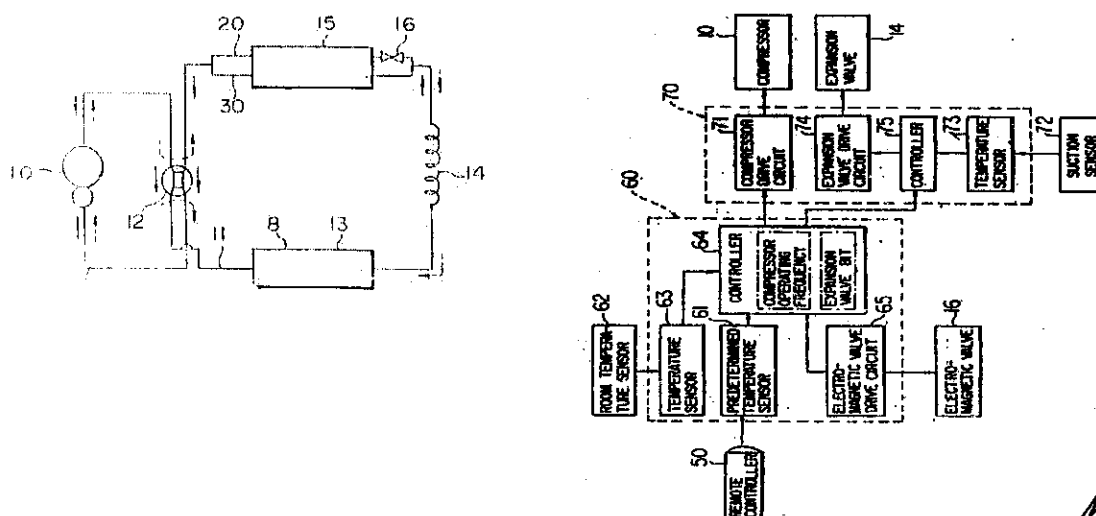
Applicant : FUJITSU GENERAL LIMITED OF 1116, SUENAGA, TAKATSU-KU  
KAWASAKI-SHI, KANAGAWA-KEN, JAPAN

Inventor : 1. TOMOMI TAKAHASHI.  
2. ATSUSHI ITAGAKI.  
3. HIROKI IGARASHI.

Application no. 779/CAL/1997 FILED ON 1.5.1997  
(CONVENTION NOS. 8-190318 AND 9-32781 FILED ON 19/7/96 AND ON 31/1/97 IN JAPAN)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**17 CLAIMS.**



An air conditioner comprising a freezing cycle circuit having, provided on a main duct line (11), a compressor (10) driven by a compressor drive circuit (71), a four-way valve (12), an external heat exchanger (13), a pressure reducer (14), an internal heat exchanger (15); and an internal unit controller (64) and an external unit controller (75) for controlling said freezing cycle circuit according to signals from a temperature detector (63) having a room temperature sensor (62), a predetermined temperature detector (61) and a temperature sensor (73) having a suction sensor (72) for detecting compressor suction side temperature, said main duct line (11) branching at least into an upper coolant flow line (20) and a lower coolant flow line (30) in said internal heat exchanger, an on-off valve (16) being provided on said upper coolant flow line (20), and a valve drive circuit (65) being

**192214**

provided on said internal unit controller (64) for controlling said on-off valve (16), the arrangement being such that said air conditioner is adapted to be operated in a gentle cooling mode for gently cooling a room with a room temperature being held close to a predetermined temperature, and/or in a gentle drying mode for gently drying a room with the room temperature being maintained substantially at a presently prevailing temperature, as well as in a cooling mode and a heating mode, said on-off valve (16) being closed through said valve drive circuit (65) provided in said internal unit controller (64) when either said gentle cooling mode or said gentle drying mode is selected.

*Complete Specifications : 29 pages.*

*Drawings: 14 sheets*

Ind.Cl : 63I, 127G/1 192215  
Int.Cl<sup>7</sup> : F16D 27/12, 21/04, 47/00 F16H, 5/28  
Title : A SHIFTING SYSTEM FOR A TRANSMISSION  
Applicant : EATON CORPORATION OF 1111, SUPERIOR AVENUE, CLEVELAND  
OHIO 44114-2584, UNITED STATES OF AMERICA.  
Inventor : 1. GREGORY JOSEPH ORGANEK.  
2. DAVID MICHAEL PRESTON

Application no. 905/CAL/1997 FILED ON 20.5.1997  
(CONVENTION NO. 08/652,741 FILED ON 23.5.1996 IN UNITED STATES OF AMERICA.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**6 CLAIMS.**

A shifting SYSTEM for a transmission (2) having a mainshaft (18) and at least one countershaft (12, 13) disposed substantially within a housing (8) having rotational axes parallel to one another; at least two pairs of gears (26, 28; 27, 29) each pair comprising a countershaft gear (10, 11) nonrotatably attached to said countershaft (12, 13) permanently in mesh with a corresponding mainshaft gear (22, 24) rotatably supported on said mainshaft (18), said mainshaft gear (22, 24) supported on said mainshaft (18) being connectable to said mainshaft (18) by an axially moveable jaw clutch (21, 23), the shift system comprising

a ball ramp mechanism (30, 31) comprising an actuation ring (43, 43') nonrotatably connected to said mainshaft (18) and a control ring (37, 39, 37', 39') disposed adjacent to said actuation ring (43, 43'), both encircling said main shaft (18) and having opposed faces provided with circumferentially extending grooves, arranged as at least three opposed pairs of (4BA, 42A; 42B, 40C; 4BC, 42C) grooves, comprising portions of varying depth, and rolling member (35A, 35B, 35C) disposed one in each opposed pair of grooves, said grooves on said actuation ring and said control ring being arranged so that relative angular movement of said actuation ring and said control ring in either direction, from a starting

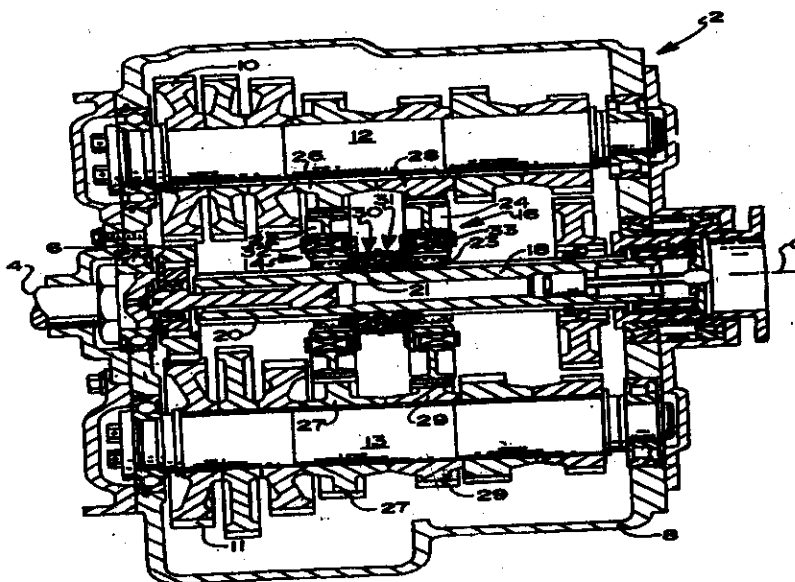
192215

position thereof, cause axial movement of said control ring away from said actuation ring in either direction, from a starting position thereof, cause axial movement of said control ring away from said actuation ring to axially displace said jaw clutch (21, 23) thereby rotatably coupling said mainshaft gear (24) to said mainshaft (18); a coil assembly (32, 33) mounted to said housing (8) and electrically energized to create an electromagnetic field to frictionally couple said control ring to said mainshaft gear thereby causing relative rotation between said control ring and said actuation ring;

a clutch plate adapted to frictionally engage said coil assembly (32, 33) upon electrically energization of said coil assembly, said clutch plate (52, 53) being nonrotatably linked to said control ring;

Wherein said jaw clutch (21, 23) axially contact said control ring and has axially beveled clutch teeth (74) formed thereon adapted to engage a corresponding plurality of axially beveled engagement cavities (78) formed in said mainshaft gear

(24)



Complete Specifications : 22 pages.

Drawings: 6 sheets

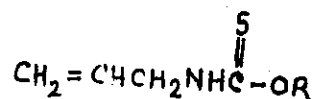
Ind.Cl :  
 Int.Cl<sup>7</sup> : B03D 1/012  
 Title : A COLLECTOR COMPOSITION FOR FLOTATION OF ACTIVATED SPHALERITE  
 Applicant : CYTEC TECHNOLOGY CORP. OF 1105 NORTH MARKET STREET, SUITE 952, WILMINGTON, STATE OF DELAWARE 19801, UNITED STATES OF AMERICA.  
 Inventor : 1. COLIN MCRAE, DANNY LEE  
 2. PETER V. AVOTINS.

192216

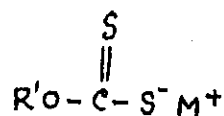
Application no. 1649/CAL/1997 FILED ON 5.6.1997  
 (CONVENTION NO. 08/665,170 FILED ON 14.6.1996 IN UNITED STATES OF AMERICA.)  
 APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING RULE 4, PATENT RULES 2003)  
 PATENT OFFICE KOLKATA.

9 CLAIMS.

A collector composition for froth floatation of metal sulfide minerals comprising the combination of 1) at least one allylalkylthionocarbamate compound having the formula



wherein R is C<sub>2</sub> to C<sub>8</sub> alkyl radical, and 2) a xanthate having the formula



wherein R' is a C<sub>2</sub> to C<sub>8</sub> alkyl radical, and wherein the concentration ratio of said thionocarbamate to xanthate is from about 1:99 to 50:50.

Complete Specifications: 16 pages.

Drawings: NIL

Ind.Cl : 48LVIII A<sub>2</sub> A<sub>3</sub> 192217  
Int.Cl<sup>7</sup> : H01B 013/20 H01B007/00 H01B 11/18  
Title : COAXIAL CABLE AND METHOD OF MAKING SAME  
Applicant : COMMScope INC, OF 1100 COMMScope PLACE , SE, HICKORY  
NORTH CAROLINA, 28602 UNITED STATES OF AMERICA.  
Inventor : 1. ALLEN FOX STEVE  
2. MICHAEL AHERN

Application no. 1755/CAL/97 FILED ON 23.9.1997  
(CONVENTION NO. 60/026,700 FILED ON 25.9.1996 IN UNITED STATES OF AMERICA.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**35CLAIMS.**

A flexible coaxial cable comprising a core including at least one inner conductor such as herein described and a closed cell foam dielectric such as herein described surrounding the inner conductor, and a tubular metallic sheath such as herein described closely surrounding said core, said coaxial cable having a velocity of propagation ( $V_p$ ) of 90 percent the speed of light or greater.

*Complete Specifications : 21 pages.*

*Drawings: 1 sheets*

Ind.Cl : 108C<sub>3</sub> 12C, 129 (5) **192218**  
Int.Cl<sup>7</sup> : C21D 9/04; C22C 38/00 C22C 38/18, E01B 5/02  
Title : A PROCESS FOR PRODUCING BAINITIC RAIL STEEL OF IMPROVED QUALITY  
Applicant : STEEL AUTHORITY OF INDIA LIMITED OF ISPAT BHAWAN, LODI ROAD, NEW DELHI -110003, INDIA  
Inventor : 1. UMESH PRASAD SING.  
2. RAMAKANT SINGH.  
3. SUDHAKAR JHA.  
4. SHILOWBHADRA BANERJEE  
Application no. 2337/CAL/1997 FILED ON 10.12.1997

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**2CLAIMS.**

A process for producing Bainitic rail steel of improved quality, characterised in that the process comprises :

(a) preparing molten steel of chemical composition (by weight %)  
C - 0.35 to 0.45, Mn-0.60 to 0.80, Si-0.80 to 1.20, Cr-0.80 to 1.30, Mo-0.70 to 1.00, V-0.06 to 0.20, B-0.003, Al-0.02 to 0.04 and Fe- the balance, in an air induction furnace from a charge of scraps of low carbon rail steel and mild steel with addition of ferro-alloys Fe-Si, Fe-Mn, Fe-Cr, Fe-Mo, Fe-B and Fe-V, and synthetic slag of composition (by weight %): lime - 60.0, Al shots - 25.0 and CaF<sub>2</sub> - 15.0 to the molten steel at a temperature of 1620°C just before tapping of the molten steel into a ladle;

(b) casting the molten steel into ingots of 35 kg weight each, and (c) hot rolling the ingots into plates of thickness 20 mm by seven number of passes at soaking temperature of 1250°C, for soaking time of 2 hours, and at finishing temperature of 950°C.

*Complete Specifications : 10 pages.*

*Drawings: NIL*

Ind.Cl : 53A 192219  
Int.Cl<sup>7</sup> : B62H 5/00  
Title : ANTITHEFT APPARATUS FOR MOTORCYCLE  
Applicant : YAMAHA HATSUDOKI KABUSHIKI KAISHA, OF 2500 SHINGAI,  
IWATA-SHI, SHIZUOKA-KEN, JAPAN  
Inventor : 1. YASUO OKAMOTO.  
2. KAZUHIRO NARA.  
3. HITOSHI SUZUKI.  
4. KAZUO KATOH.

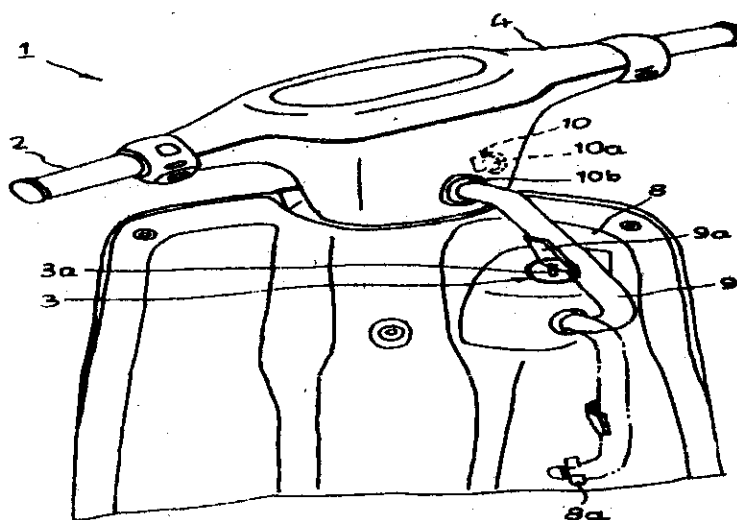
Application no. 1846/CAL/1998 FILED ON 16.10.1998  
(CONVENTION NOS. 9-283903 AND 9-286651 FILED ON 16.10.1997 AND 20.10.1997 IN  
JAPAN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**3 CLAIMS.**

An antitheft apparatus for motorcycles, characterized by employing a protection member (9), (12) disposed in the vicinity of the main (3) switch on the vehicle body frame (A) side, said protection member being capable of moving between a protecting position where the protection member approaches and covers the main switch key hole (3a) and an open position where a key may be inserted into said key hole and by employing a lock device (10,28,61) for leaving the protection member (9, 12) in the protecting position,



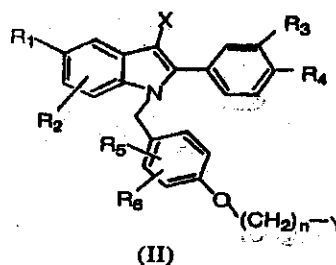
Complete Specifications : 22 pages.

Drawings: 13 sheets

Application no. 419/CAL/2001 FILED ON 31.7.2001  
(CONVENTION NO. 09/079,561 FILED ON 15.5.1998 IN UNITED STATES OF AMERICA.)  
(DIVIDED OUT OF NO. IN/PCT/2000/00458 ANTEDATED TO 31.10.2000)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

**17 CLAIMS.**

(I)



Y is selected from:

$$\begin{array}{c} \text{R}_7 \\ | \\ \text{N} \\ | \\ \text{R}_8 \end{array}$$

wherein R<sub>7</sub> and R<sub>8</sub> are independently selected from H, C<sub>1</sub>-C<sub>6</sub> alkyl, or phenyl optionally substituted by CN, C<sub>1</sub>-C<sub>6</sub> alkyl (straight chain or branched), C<sub>1</sub>-C<sub>6</sub> alkoxy (straight chain or branched), halogen, -OH, -CF<sub>3</sub>, or -OCF<sub>3</sub>; or R<sub>7</sub> and R<sub>8</sub> are concatenated together as -(CH<sub>2</sub>)<sub>p</sub>-, wherein p is an integer of from 2 to 6, preferably

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4 to 6, the ring so formed is optionally substituted with 1-3 substituents selected from  $C_1$ - $C_3$  alkyl, trifluoromethyl, halogen, hydrogen, phenyl, nitro and -CN

b) a five-, six- or seven- membered saturated, unsaturated or partially unsaturated heterocycle containing up to two heteroatoms selected from -O-, -NH-, -N( $C_1$ - $C_4$  alkyl)-, -N= and -S(O)<sub>m</sub>-, wherein m is an integer of from 0-2, optionally substituted with 1-3 substituents independently selected from hydroxyl, halo,  $C_1$ - $C_4$  alkyl, trihalomethyl,  $C_1$ - $C_4$ alkoxy, trihalomethoxy,  $C_1$ - $C_4$ acyloxy,  $C_1$ - $C_4$ alkylthio,  $C_1$ - $C_4$ alkylsulfinyl,  $C_1$ - $C_4$  alkylsulfonyl, hydroxy( $C_1$ - $C_4$ )alkyl, -CO<sub>2</sub>H, -CN, -CONHR<sub>1</sub>, -NH<sub>2</sub>,  $C_1$ - $C_4$ alkylamino, di-( $C_1$ - $C_4$ )alkylamino, -NHSO<sub>2</sub>R<sub>1</sub>, -NHCOR<sub>1</sub>, -NO<sub>2</sub>, and phenyl optionally substituted with 1-3 ( $C_1$ - $C_4$ )alkyl, wherein R<sub>1</sub> is as defined above or  $C_1$ - $C_6$  alkyl ;

c) a bicyclic heterocycle containing from 6-12 carbon atoms either bridged or fused and containing up to two heteroatoms selected from -O-, -NH-, -N( $C_1$ - $C_4$  alkyl)-, and -S(O)<sub>m</sub>-, wherein m is an integer of from 0-2, optionally substituted with 1-3 substituents independently selected hydroxyl, halo,  $C_1$ - $C_4$  alkyl, trihalomethyl,  $C_1$ - $C_4$ alkoxy, trihalomethoxy,  $C_1$ - $C_4$  acyloxy,  $C_1$ - $C_4$  alkylthio,  $C_1$ - $C_4$  alkylsulfinyl,  $C_1$ - $C_4$  alkylsulfonyl, hydroxy( $C_1$ - $C_4$ )alkyl, -CO<sub>2</sub>H, -CN-, -CONHR<sub>1</sub>-, -NH<sub>2</sub>,  $C_1$ - $C_4$  alkylamino, di( $C_1$ - $C_4$ )alkylamino, -NHSO<sub>2</sub>R<sub>1</sub>; -NHCOR<sub>1</sub>-, -NO<sub>2</sub>, and phenyl optionally substituted with 1-3 ( $C_1$ - $C_4$ ) alkyl;

or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient into the composition.

*Complete Specifications : 135 pages.*

*Drawings: NIL sheets*

Ind.Cl : 206E 192221  
Int.Cl<sup>7</sup> : H04L 5/02  
Title : DIGITAL TRANSMISSION SYSTEM HAVING A TRANSMITTER AND A RECEIVER, FOR TRANSMITTING A WIDE-BAND DIGITAL AUDIO SIGNAL  
Applicant : PHILIPS ELECTRONICS NV, OF GROENEWOUDSEWEG 1, 1, EINDHOVEN, THE NETHERLANDS  
Inventor : GERARDUS CORNELIS PETRUS LOKHOFF

Application no. 2. 7/CAL/1995 FILED ON 01.03.1995

(DIVIDED OUT OF NO. 438/CAL/90 ANTEDATED TO 28.05.1990.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 18 CLAIMS.

Digital transmission system having a transmitter and a receiver, for transmitting a wide-band digital audio signal comprising at least a first and a second signal component via a transmission medium, the transmitter comprising an encoder having analysis filter means for filtering the signal components so as to obtain a number of  $n$  sub (band) signals for each of the at least two signal components, transmission means for transmitting sub (band) signals via the transmission medium, the receiver comprising receiving means for receiving sub (band) signals, and a decoder having synthesis filter means for combining sub (band) signals for each of the at least two signal components so as to obtain a replica of the at least first and second signal components, characterized in that the transmitter comprises signal combination means for combining at least one corresponding sub signal of at least the first and second signal components so as to obtain a composite sub signal, and control signal generator means for generating a sub signal indicator control signal indicating said at least one sub signal of the at least two signal components being combined, the transmission means are for transmitting said composite sub signal and said sub signal indicator control signal, the receiver comprises detection means for detecting said sub signal indicator control signal, derivation means for deriving said composite sub signal from the signal received and for deriving, in response to the sub signal indicator control signal sub signals for said at least first and second signal components from said composite sub signal.

192222

Ind.Cl : 206 E

Int.Cl<sup>7</sup> : H04L 5/02

Title : DIGITAL TRANSMISSION SYSTEM HAVING A TRANSMITTER AND A RECEIVER, FOR TRANSMITTING A WIDEBAND DIGITAL AUDIO SIGNAL.

Applicant : PHILIPS ELECTRONICS NV. OF GROENEWOUDSEWEG 1, EINDHOVEN, 1, THE NETHERLANDS

Inventor : GERARDUS CORNELIS PETRUS LOKHOFF

Application no. 218/CAL/1995 FILED ON 01.03.1995  
(DIVIDED OUT OF NO. 438/CAL/90 ANTEDATED TO 28.05.1990.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**27 CLAIMS.**

Digital transmission system having a transmitter and a receiver, for transmitting a wide-band digital audio signal comprising at least a first and a second audio signal component via a transmission medium, the transmitter comprising an encoder having analysis filter means for filtering the signal components so as to obtain a number of sub signals for each of the at least two signal components, data reducing means for carrying out a data reduction step on the n sub signals of each of the at least two signal components, transmission means for transmitting data reduced sub signals via the transmission medium, the receiver comprising receiving means for receiving the data reduced sub signals, data expansion means for carrying out a data expansion step on the received data reduced sub signals, and a decoder having synthesis filter means for combining sub signals for each of the at least two signal components as to obtain a replica of the at least first and second signal components, characterized in that the transmitter is further adapted to transmit at least a first auxiliary digital signal component, the receiver further comprising derivation means for deriving said at least one auxiliary digital signal component from the signal received

Complete Specifications : 47 pages.

Drawings: 10 sheets

**192223**

Ind. Cl. : 70C5, 32F1

Int.Cl<sup>7</sup> : C25B 3/06; C07C 17/02

Title : AN APPARATUS AND A PROCESS FOR PRODUCING ETHYLENE DICHLORIDE

Applicant : E I DU PONT DE NEMOURS AND COMPANY OF 1007 MARKET STREET WILMINGTON, DELAWARE 19898, UNITED STATES OF AMERICA

Inventor : 1. FRANCISCO JOSE FREIRE.  
2. BRUCE ARTHUR KEISER.  
3. DENNIE TURIN MAH.  
4. VINCI MARTINEZ FELIX.  
5. CLARENCE GARLAN LAW JR.  
6. JAMES ARTHUR TRAINHAM  
7. JOHN SCOTT NEWMAN.  
8. DOUGLAS JOHN EAMES.

Application no. 2172/CAL/1996 FILED ON 16.12.1996  
(CONVENTION NO. 60/009, 515 FILED ON 28.12.1995 IN UNITED STATES OF AMERICA.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)  
PATENT OFFICE KOLKATA.

### 18 CLAIMS.

An apparatus for producing ethylene dichloride from chlorine gas produced by the electrochemical conversion of anhydrous hydrogen chloride, comprising:

(a) an electrochemical cell, including:

(i) means for oxidizing molecular anhydrous hydrogen chloride to produce chlorine gas and protons;

(ii) an anode chamber disposed adjacent the oxidizing means, anode-side inlet means for introducing the anhydrous hydrogen chloride to the oxidizing means and anode-side outlet means also disposed in fluid communication with the anode chamber for discharging the chlorine gas;

(iii) cation-transporting means for transporting the protons there through, wherein the oxidizing means is disposed in contact with one side of the cation-transporting means;

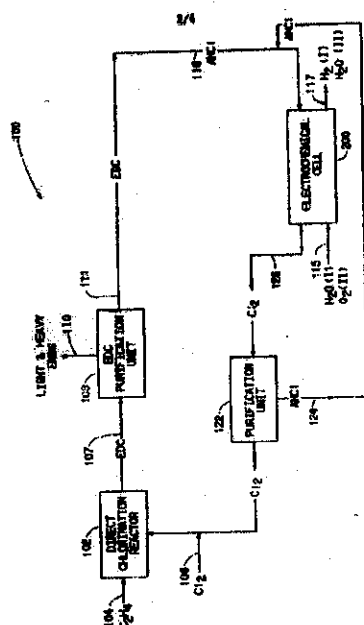
(iv) means for reducing the transported protons, wherein the reducing means is disposed in contact with the other side of the cation-transporting means; and

(v) a cathode chamber disposed adjacent the reducing means, cathode-side inlet means disposed in fluid communication with the cathode chamber for introducing a fluid to the other side of the cation-transporting means and cathode-side outlet means also disposed

(b) said electrochemical cell in fluid communication with a purification unit for liquefying the chlorine gas to form liquid dry chlorine;

(c) a recycle line connected to the anode side outlet means of the electrochemical cell, at one end thereof and to the second inlet supply line of a direct chlorination reactor, at the other end thereof for recycling the chlorine liquid dry chlorine to the direct chlorination reactor said direct chlorination reactor having a first inlet supply line for supplying ethylene to the direct chlorination reactor and a second inlet supply line for supplying chlorine to the direct chlorination reactor, wherein the ethylene and the chlorine react in the direct chlorination reactor to produce ethylene dichloride; and

(d) optionally including a pyrolysis unit in fluid communication with said direct chlorination reactor for pyrolyzing the ethylene dichloride to produce vinyl chloride monomer.



**Drawings: 4 sheets**

Ind.Cl : 192224

Int.Cl<sup>7</sup> : C21C 5/28, C22B 5/10

Title : PROCESS FOR SMELTING REDUCTION OF CHROMIUM ORE

Applicant : KAWASAKI STEEL CORPORATION, 1-28, KITAHONMACHI-DORI, 1-HOME, CHUO-KU, KOBE-SHI, HYOGO 651, JAPAN

Inventor :  
1. KIMIHARU AIDA.  
2. SHUJI TAKEUCHI.  
3. NAGAYASU BESSHO.  
4. TOMOMICHI TERABATAKE.  
5. YASUO KISHIMOTO.  
6. HIROSHI NISHIKAWA.  
7. FUMI SUDO.

Application no. 291/CAL/1997 FILED ON 18.02.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)  
PATENT OFFICE KOLKATA.

**6 CLAIMS.**

A smelting reduction process of chromium ore by charging a carbonaceous material and a chromium ore into hot metal admitted in a metallurgical reaction vessel such as a converter or the like, feeding an oxygen gas to burn the carbonaceous material and conducting fusion and reduction of the chromium ore through heat of combustion to produce a chromium-containing molten metal, characterized in that a carbon substance having a Hardgrove grindability index (HGL) of not more than 45 and a volatile matter (VM) of not more than 10% is used as the carbonaceous material, wherein the carbonaceous material is charged into the metallurgical reaction vessel in an amount that a total surface area of the carbonaceous material charged is not less than 60 m<sup>2</sup> per 1 ton of slag existing in the vessel.

***Complete Specifications : 35 pages.***

***Drawings: 8 sheets***

192225

Ind.Cl : 50 E1, 50 E2

Int.Cl<sup>7</sup> : B21D, 53/08, F25D, 17/06

Title : AN EVAPORATOR OF A REFRIGERATOR

Applicant : DAEWOO ELECTRONICS CORPORATION, OF 686, AHYEON-DONG  
MAPO-GU, SEOUL, KOREA.

Inventor : SHIN, JUN-CHUL

Application no. 615/CAL/1997 FILED ON 09.04.1997  
(CONVENTION NO. 96-19757 FILED ON 4.6.1996 IN KOREA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

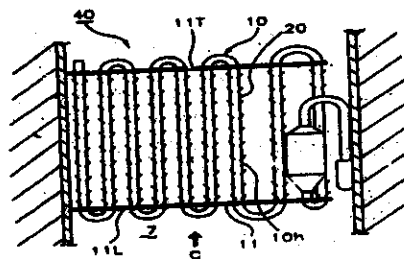
**4 CLAIMS.**

An evaporator of a refrigerator provided in a cool air passage for heat-exchanging the cool air circulated in a refrigerating compartment and a freezing compartment, characterized in that said evaporator comprises:

a serpentine heat-exchanging pipe (10) containing refrigerant, respective axis of each straight portion (10h) of said pipe (10) being substantially parallel to each other and in the direction of air flow through said cool air passage (7);

a heat-exchanging member (20) wound on a circumference of I said heat-exchanging pipe in a spiral manner;

said heat-exchanging member (20) is in a shape of a band, said band having two longitudinal end portions; and one longitudinal end portion (20L) of said band shaped heat-exchanging member (20) is in contact along the circumference of said heat-exchanging pipe (10).



Complete Specifications : 10 pages.

Drawings: 4 sheets

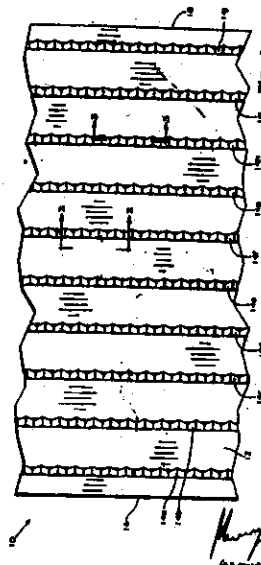
Ind.Cl : 68A  
 Int.Cl<sup>7</sup> : H01M 2/18  
 Title : BATTERY SEPARATOR.  
 Applicant : AMTEK RESEARCH INTERNATIONAL LLC., OF 250, N. HANSARD AVENUE, LEBANON, OREGON 97355, U.S.A  
 Inventor : JAMES YOUNG  
 FRANCIS E. ALEXANDER

192226

Application no. 770/CAL/1997 FILED ON 30.4.1997  
 (CONVENTION NO. 08/646, 764 FILED ON 8.5.1996 IN UNITED STATES OF AMERICA.)  
 APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)  
 PATENT OFFICE KOLKATA.

**23 CLAIMS.**

A battery separator (10) comprising a backweb (20) of porous, acid resistant, embossable material, said backweb having a longitudinal dimension, a width dimension perpendicular to said longitudinal dimension and upper (12) and lower (13) planar surfaces, said backweb having a plurality of embossed ribs projecting from at least one planar surface thereof, each of said ribs being a corrugated structure comprised of alternating ridges (22a-22d) and furrows (23a-23d), each corrugation of said corrugated structure being formed from and integral with said embossable backweb material, each corrugation having a sloping leading wall (17), a sloping trailing wall (19), a ridge formed where said leading and trailing wall meet, sidewalls (26) at outer ends of said ridge joined to said leading and trailing walls forming a hollow space defined by said leading wall, trailing wall and sidewalls, said ridges and furrows being in nonparallel alignment with said longitudinal dimension of said backweb.



**Complete Specifications : 16 pages.**

**Drawings: 4 sheets**

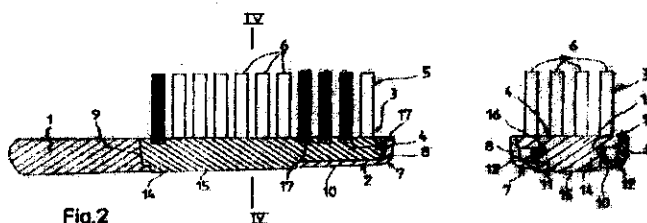
Ind.Cl : 26 192227  
 Int.Cl<sup>7</sup> : A46B 7/04  
 Title : TOOTHBRUSH WITH A REPLACEABLE BRUSH SECTION  
 Applicant : CORONET-WERKE GMBH, OF POSTFACH 1180 D-69479, WALD-MICHELBAACH, GERMANY  
 Inventor : WEIHRAUCH GERGOE

Application no. 1179/CAL/1997 FILED ON 20.06.1997  
 (CONVENTION NO. 19624962.7 FILED ON 22.6.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

21 CLAIMS.



1. Toothbrush with a replaceable brush section comprising a handle, a head (2) constructed as a casing (7) open on at least one side, a brush section (3) insertable in the open side thereof and having a support (4) and a bristle configuration (5) and with locking means (12,16) within said casing and on the support (4) for fixing said brush section (3), said casing (7) having a cheek (8) fixing said support (4) in the area of its periphery and a bottom formed by a back (10) of said head (2) and also the locking means (12,16) for the tool-free pressing of said brush section (3) away from said back (10) of said head (2), characterized in that the mutually engaging faces on said cheek (8) of said casing (7) and on the periphery of said support (4) are constructed as completely smooth-walled sealing faces and said locking means (12,16) have with respect to the sealing faces inwardly displaced, resilient detents, which are placed in an area between the bottom of the casing (7) and the back of the support (4) facing the latter.

Complete Specifications : 23 pages.

Drawings: 8 sheets

Ind.Cl : 65B<sub>2</sub> 192228  
 Int.Cl<sup>7</sup> : H01F 41/02  
 Title : METHOD AND APPARATUS FOR THE PRODUCTION OF AN  
 INDUCTIVE COMPONENT  
 Applicant : VACUUMSCHMELZE GMBH, OF GRUENER WEG 37, 63450 HANAU,  
 GERMANY.  
 Inventor : HARALD HUNDT

Application no 1500/CAL/1997 FILED ON 13.8.1997  
 (CONVENTION NO. 15636073.0 FILED ON 5.9.1996 IN GERMANY.)

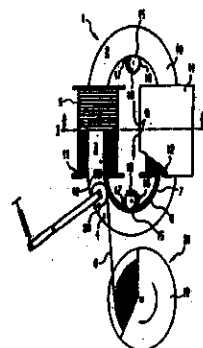
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**16 CLAIMS.**

Method for the production of an inductive component (1), which consists of an approximately annular, splittable winding body (2), comprising a first and a second winding-body part (3,4) of a soft-magnetic strip wound thereon and of prefabricated coils (5), with the following steps:

- a) the prefabricated coils (5) are pushed onto the first winding-body part (3),
- b) the first and the second winding-body parts (3,4) are connected to one another,
- c) a transport band (6) is placed around the winding body (2),
- d) the transport band (6) is connected firmly to the soft-magnetic strip (8) and a strip-wound core (10) is wound onto the winding body (2) by means of a winding apparatus (9) such that the inductive component (1) produced has no air-gap in the strip-wound core (10), the transport band (6) being actuated by the winding apparatus (9).



Complete Specifications : 12 pages.

Drawings: 3 sheets

Ind.Cl : 102 D 192229  
Int.Cl<sup>7</sup> : F01C 1/10 F04C 2/10  
Title : AN IMPROVED ROTARY FLUID PRESSURE DEVICE.  
Applicant : EATON CORPORATION, OF 1111 SUPERIOR AVENUE, CLEVELAND  
OHIO 44114-2584, UNITED STATES OF AMERICA  
Inventor : 1. WAYNE B. WENKER RAND J. ERPELDING  
2. SCOTT E. YAKIMOW

Application no. 1051/cal/1997 FILED ON 5.6.1997  
(CONVENTION NO. 08/661540 FILED ON 11.6.1996 IN UNITED STATES OF AMERICA.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

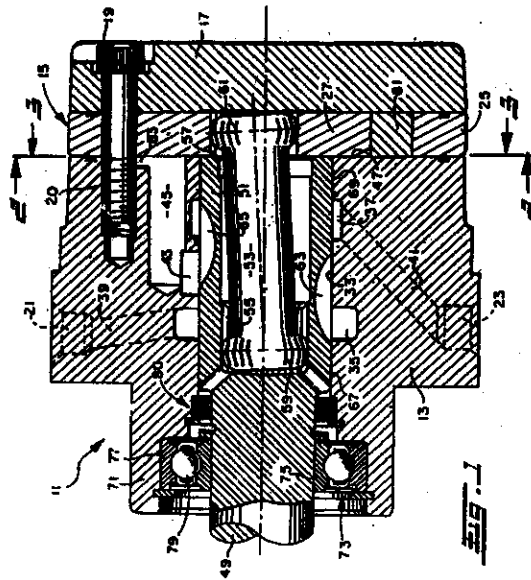
PATENT OFFICE KOLKATA.

6 CLAIMS.

An improved rotary fluid pressure device (11) of the type comprising housing means (13) having a fluid inlet port (21) and a fluid outlet port (23), fluid pressure-operated displacement means (15) associated with said housing means, and having an internally-toothed ring member (25), and an externally-toothed star member (27), eccentrically disposed within said ring member (25) for relative orbital and rotational movement therebetween to define expanding (29) and contracting (31) fluid volume chambers in response to said orbital and rotational movements; a spool valve (51) cooperating with said housing means (13) to provide fluid communication between said inlet port (21) and said expanding volume chambers (29) and between said contracting volume chambers (31) and said outlet port (23); an output shaft (49) formed integrally with said spool valve (51), and means (53) for transmitting said rotational movement from said displacement means (15) to said output shaft (49); said spool valve (51) comprising a forward journal surface (67) disposed adjacent said output shaft (49) and cooperating with said housing means to define a nominal forward clearance (V), and a rearward journal surface (69) disposed toward said displacement means (15); said output shaft (49) being adapted for a predetermined side load tending to move an outer end of said shaft radially; characterized in that:

- (a) said housing means (13) comprising a bearing-receiving portion (71) disposed about said output shaft (49);

192229



- (b) a ball bearing set (73) disposed radially between said output shaft (49) and said bearing-receiving portion (71) of said housing means (13); and
- (c) said ball bearing set (73) being radially preloaded by an amount such that when said output shaft (49) is subjected to said predetermined side load, said output shaft has no substantial radial movement within said bearing set (73)

*Complete Specifications : 14 pages.*

*Drawings: 4 sheets*

Ind.Cl : 189 192230  
Int.Cl<sup>7</sup> : A61K 7/00  
Title : PROCESS FOR PREPARING CREAM FOR ENHANCING COMPLEXION  
Applicant : EMAMI LIMITED, OF STEPHEN HOUSE, 6A, R.N MUKHERJEE ROAD,  
CALCUTTA - 700 001, WEST BENGAL, INDIA  
Inventor : DR. NEENA SHARMA  
DR. PAWAN SHARMA

Application no. 87/CAL/2001 FILED ON 15.2.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 8 CLAIMS.

Process for preparing cream for enhancing complexion, which comprises:

- (a) preparing a mixture of Stearic acid (68.0 to 73.0 kg), Cetostearyl alcohol (0.5 to 3.0 kgs), Silicon oil (0.1 to 1.0 kgs), Propyl Paraben (0.1 to 1.0 kgs) and Glycerine (8.0 to 12.0 kgs);
- (b) combining methyl paraben, Ethylene diamino tetra acetic acid Di Sodium (0.1 to 1.0 kgs) with De Mineralized Water (190 to 210 kgs) and just before emulsification, adding of *Aloe vera* extract, herbal distillate consisting of Calendula (0.50 to 1.50 kg), Chamomile (0.50 to 1.50 kg), Licorice (0.25 to 1.50 kg), Sandal (0.50 to 1.50 kg), Horse Chestnut (0.50 to 0.30 kg), Comfrey (0.50 to 0.30 kg), Hamamelis (0.50 to 0.30 kg) and saffron extract consisting of saffron and Propylene glycol at a temperature of 80-85°C.
- (c) combining this extract of step (b) with potassium hydroxide pellets (0.5 to 3.0 kg) in De mineralized Water (4.0 to 7.0) and treating the same with aqueous solution of potassium hydroxide and adding thereto combined ingredients of step (a) at a temperature of 80-85°C while mixing at high speed, and continuing mixing till emulsification is complete and thereafter slowly adding thereto while mixing glycerine, sun block agent consisting of Calendula (0.50 to 1.50 kg), Chamomile (0.50 to 1.50 kg), Licorice (0.25 to 1.50 kg), Sandal (0.50 to 1.50 kg), Horse Chestnut (0.50 to 0.30 kg), Comfrey (0.50 to 0.30 kg), Hamamelis (0.50 to 0.30 kg), moti pisi (pearl) cooling slowly and then adding thereto cucumber juice, coconut water and milk at a temperature of 50-60°C followed by addition of whitening agents consisting of Titanium dioxide, Zinc oxide and biowhite) and perfume.

Complete Specifications : pages.

Drawings: sheets

Ind.Cl.:

105 D

192231

Int Cl<sup>4</sup> :

G 11 B 5/127

"A THIN FILM LOW PROFILE WRITE HEAD"

APPLICANT(S) :

INTERNATIONAL BUSINESS MACHINES  
CORPORATION A COMPANY  
ORGANIZED AND EXISTING UNDER THE  
LAWS OF THE STATE OF NEW YORK,  
USA OF ARMONK, NEW YORK 10504,  
USA

INVENTOR(S) :

1. HUGO ALBERTO EMILIO SANTINI.

Application No.

718/MAS/95

filed on 14-Jun-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 2002) PATENT OFFICE, CHENNAI BRANCH.

## 13 CLAIMS

A thin film low profile write head which has a zero throat height between a back gap and a head surface for facing a magnetic medium, a flare point between the zero throat height and the back gap, a pole tip region located between the head surface and the flare point and a yoke region located between the flare point and the back gap, the write head comprising first and second pole pieces located in the pole tip region and the yoke region, the second pole piece having a second pole tip in the pole tip region; a plurality of insulation layers overlying the first pole piece in the yoke region, each of the insulation layers having an apex where the insulation layer commences and each layer extending from the apex toward the back gap and said second pole piece being photopatterned by means of a photoresist layer which covers said insulation layers; one of the insulation layers being a zero defining insulation layer which is located with its apex at and defining the zero throat height and having a profile between the zero throat height and the flare point; another one of said insulation layers, which has a thickness, being the next closest insulation layer to the zero throat height with its apex at a predetermined distance from the zero throat height; and said predetermined distance being sufficient so that the location of the apex of the zero throat height defining insulation layer and said profile of the zero throat height defining insulation layer are not altered by said thickness of said next closest insulation layer; whereby light directed perpendicular to a major surface of said first pole piece into the photoresist layer will undergo substantially no reflection from the insulation layers into regions laterally adjacent said pole tip region so that the second pole tip is formed with smooth straight side walls by means of a photoresist pattern obtained by exposing the photoresist layer with said light and then developing said photoresist layer.

COMP.SPECN: 28 PAGES DRAWING: 8 SHEETS.

192232

Ind.Cl.:67 C (LI(2)).

Int.Cl<sup>4</sup>:H02P 1/46.**"A CONTROLLER FOR AN ELECTRIC MACHINE".**

**Applicant:** Switched Reluctance Drives Limited,  
of Springfield House,  
Hyde Terrace, Leeds, LS2 9LN,  
A company Incorporated in England.  
ENGLAND.

**Inventors:** 1. MICHAEL JAMES TURNER;  
2. ALAN RICHARD JEWELL.

Application No 782/MAS/95. filed on 26-Jun-95.

Convention No. 9414005.0. on 12-Jul-94., GBSN.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules. 2002),  
Patent Office, Chennai Branch.

**11. Claims**

A controller for an electric machine, comprising a stator defining stator poles and having at least one phase winding, a rotor defining rotor poles, and switch means for controlling current in the winding, the controller comprising:  
a transducer for deriving rotor position information;  
a timer operable to produce switch-on and switch-off signals to which the switch means are responsive, the timer being arranged to receive a first output from the transducer indicative of a position of one of the rotor poles relative to one of the stator poles coincident with a switch-off point in the phase inductance cycle for operating the machine in one of a motoring and a generating mode, and to produce the switch-off signal in response thereto; and first delay means responsive to a second output from the transducer within the phase inductance cycle to generate a switch-on signal, subsequent to the switch-off signal, after a delay.

Comp.Specn. 22. Pages; Drgs 7. Sheets.

Ind.Cl.: 39 E **192233**

Int Cl<sup>4</sup> : C 01 B 13/14

"A METHOD OF PRODUCING A VARISTOR HAVING A MIXTURE OF A MIXED METAL OXIDE POWDER AND ZNO POWDER"

APPLICANT(S): ABB SCHWEIZ HOLDING AG,  
A SWISS COMPANY OF BROWN BOVERI  
STRASSE 6, 5400 BADEN, SWITZERLAND.

INVENTOR(S): 1. DR. FELIX GREUTER;  
2. DANIEL WERDER.

Application No. 804/MAS/95 Filed On 30-Jun-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 2002) PATENT OFFICE, CHENNAI BRANCH.

### 9 CLAIMS

A method of producing a varistor having a mixture of a mixed metal oxide powder and ZnO powder sintered into said varistor body, wherein said mixed metal oxide powder has the formula  $M_x M'_x M''_x \dots O_z$ , in which M, M', M'' ..... are metals comprising at least Bi, Co, Cr, Mn and Ni and O is oxygen, each of  $x, x', x'' \dots z$  represent the amount of the metal and of oxygen in said metal powder in the atomic ratio  $x, x', x'' \dots = 0.1$  till 4 with  $z = 1 - 10$ , z being dependent on the valency of the selected metal and the amount of metal  $x, x', x'' \dots$  in said mixed oxide powder, wherein said mixed metal oxide powder being produced by

- (i) forming a tuned aqueous solution of metal salts that contains at least some of said metal elements of the mixed metal oxide in the ratio of X:X' ..... as specified herein above, at least one oxidizing agent such as ions of said metal elements, ammonium ions and at least one reducing agent such as acetic acid, tartaric acid and/or citric acid, the ratio between the said oxidizing agent and reducing agents being essentially in the mol ratio 1:1 such that an exothermic reaction occurs at a temperature range between 220-260°C.
- (ii) spraying said tuned solution into a heated gas jets to form aerosol droplet particles in which said ammonium and nitrate ions react with each other and trigger exothermic reaction to produce from said aerosol droplets, said mixed metal oxide powder in amorphous state.

COMP.SPECN: 17 PAGES DRAWING: 3 SHEETS.  
REFERENCE CITED: EP 0 366 313 B1; DE 39 16 643 C1.

192234

Ind. Cl. : 206 E

Int Cl<sup>4</sup> : H 04 B 7/00

"APPARATUS FOR USE IN A SATELLITE COMMUNICATIONS  
EARTH STATION USING TDMA CHANNELS"

APPLICANT(S) : INMARSAT LTD  
99 CITY ROAD  
LONDON EC1Y 1AX  
ENGLAND  
A BRITISH COMPANY

INVENTOR(S) : 1. NICHOLAS HART;  
2. GUNNAR BJORNSTROM.

APPLICATION NO : 894 MAS 95

filed on 14-Jul-95

CONVENTION NO :

9414829.3

ON

22-Jul-94

GBSN

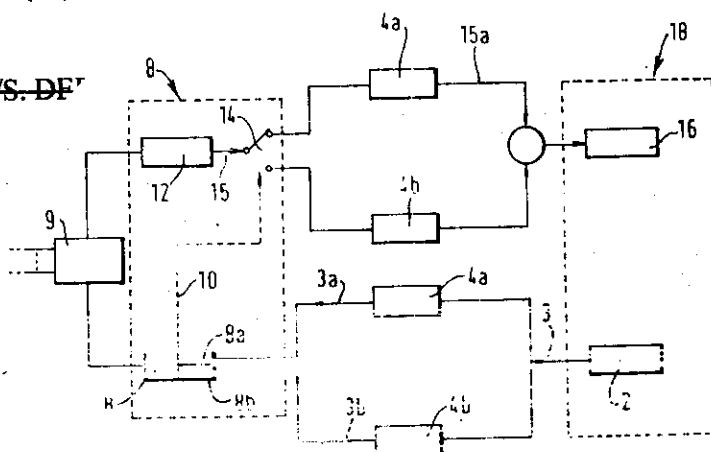
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 2002) PATENT OFFICE, CHENNAI BRANCH.

## 15 CLAIMS

Apparatus for use in a satellite communications earth station (8) using TDMA channels, comprising a receiver (8a, 8b) arranged to receive information relayed by one or more satellites (4) from a remote earth station (18) within one or more time slots (t), the information being relayed via a plurality of beams (51) generated by said one or more satellites (4); and characterised by beam selecting means (14) for selecting one or more of said satellite beams (51) according to a property of the information received therein, and a transmitter (12) arranged to transmit further information to the remote earth station (18) such that the information is relayed to the remote earth station (18) via the selected one or more satellite beams (51).

FIG. 1

AGENT: M/S. DFR



COMP.SPECN: 39 PAGES DRAWING : 9 SHEETS.

REFERENCE CITED: US-A-3349398; WO-A-9309578; GB 9423950,6.

Ind.Cl.: 6 B 2 192235

Int Cl<sup>4</sup> : B 01 D 53/34

"A WET FLUE GAS DESULFURIZATION  
PROCESS AND AN APPARATUS THEREOF"

APPLICANT(S) : MITSUBISHI JUKOGYO KABUSHIKI KAISHA,  
A JAPANESE CORPORATION, OF  
5-1, MARUNOUCHI 2-CHOME,  
CHIYODA-KU,  
TOKYO, JAPAN.

INVENTOR(S) : 1. ATSUSHI TATANI;  
2. KAZUAKI KIMURA;  
3. YOSHIO NAKAYAMA;  
4. YUKIO KITAMURA;  
5. MASAKAZU ONIZUKA.

Application No. 969/MAS/95 filed on 28-Jul-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2002) PATENT OFFICE, CHENNAI BRANCH.

### 13 CLAIMS

A wet flue gas desulfurization process wherein sulfur dioxide present in flue gas is absorbed into a slurry containing a calcium compound, the slurry having sulfur dioxide absorbed therein is oxidized to form a gypsum slurry, and gypsum is separated and recovered from the gypsum slurry, which process comprises the steps of dipping a part of a circulating filtering surface of a suction filter into the gypsum slurry so as to cause gypsum to adhere to the filtering surface, carrying the gypsum-bearing filtering surface above a surface of the gypsum slurry, sucking out a liquid phase through the filtering surface to form a dehydrated gypsum layer thereon, and removing the gypsum layer from the filtering surface.

COMP.SPECN: 27 PAGES DRAWING: 7 SHEETS.

Ind.Cl.:40B.  
Int.Cl<sup>4</sup>:C106,69/02.

192236

" A PROCESS FOR THE PRODUCTION OF LOW SULFUR CONTAINING GASOLINE OF HIGH OCTANE NUMBER".

Applicant: MOBILE OIL CORPORATION,  
a corporation organized under the laws of the  
state of the new york, united States of America,  
of 3225 Gallows Road, Fairfax, Virginia 22037,  
U.S.A.

Inventors: 1. PAUL PIERCE DURAND;  
2. HYE KYUNG CHO TIMKEN.

Application No 1063/MAS/95. filed on 22-Aug-95.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2002),  
Patent Office, Chennai Branch.

7. Claims

A process for the production of low sulfur containing gasoline of high octane number by upgrading a cracked, olefinic sulfur-containing feed boiling in a gasoline boiling range by hydrodesulfurizing the sulfur-containing feed to produce an intermediate product comprising a liquid fraction that has a reduced sulfur content and a reduced octane number as compared to the feed and contacting at a temperature of 150 to 480°C, a pressure of 170 to 10,445 kPaa, a space velocity of 0.5 to 10 hr.<sup>-1</sup> LHSV, and a hydrogen: hydrocarbon ratio of 0 to 890 n l.l.<sup>-1</sup> at least a portion of the gasoline boiling range fraction of the intermediate liquid fraction with an acidic catalyst comprised of an intermediate pore size zeolite and from 1 to 15 wt.% molybdenum, wherein the intermediate pore size zeolite is selected from ZMS-5, ZSM-11, ZMS-22, ZSM-23, ZSM-35, ZSM-48, and MCM-22 to convert the gasoline boiling range fraction of the intermediate product to one having a higher octane number than the gasoline boiling range fraction of the intermediate product.

Reference to : US PATENT- A5346609;  
5409596.

Comp.Specn. 28. Pages; Drgs 4. Sheets.

Ind. Cl. :

39 E &amp; 40 B

192237

Int Cl<sup>4</sup> :

C 08 F 4172

"A CATALYST COMPOSITION FOR CONVERTING  
ETHYLENE TO LIGHT ALPHA OLEFINS"

APPLICANT(S) :

INSTITUT FRANCAIS DU PETROLE,  
OF 4 AVENUE DE BOIS PREAU,  
92502 RUEIL MALMAISON, FRANCE  
A FRENCH COMPANY

INVENTOR(S) :

1. CHAUVIN YVES;  
2. COMMEREUC DOMINIQUE;  
3. HUGUES FRANCOIS;  
4. OLIVIER HELENE;  
5. SAUSSINE LUCIEN.

APPLICATION NO :

1071 MAS 97 Filed on 20-May-97

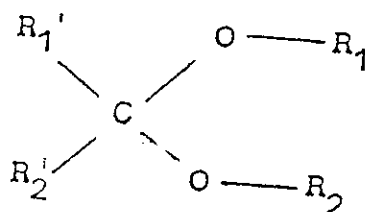
Divisional to Patent Application No: 448/MAS/93  
Ante-dated to 29th Jun, 1993

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 2002) PATENT OFFICE, CHENNAI BRANCH.

**WE CLAIM:**

10 CLAIMS

1. A catalyst composition for the conversion of ethylene into light alpha olefins, comprising (i) a zirconium compound of the formula  $ZrX_xY_yO_z$  in which X is a chlorine or bromine atom, Y is a radical selected from the group consisting of RO-,  $(R)_2N$ - and RCOO- groups, in which R is a hydrocarbyl radical having 1 to 30 carbon atoms, x and y are 0 or an integer of 1 to 4, and z is 0 or 0.5, the sum  $x+y+2z$  being equal to 4, (ii) an organic acetal or ketal compound of formula



in which  $R_1'$  and  $R_2'$  are independently a hydrogen atom or a hydrocarbyl radical having 1 to 30 carbon atoms and  $R_1$  and  $R_2$  are independently hydrocarbyl radicals having 1 to 30 carbon atoms, and (iii) an aluminium compound of the formula  $AlR''_nX_{3-n}$  in which  $R''$  is a hydrocarbyl radical having 1 to 6 carbon atoms, X is a chlorine or bromine atom and n is a number of from 1 to 2, such that the molar ratio of the acetal or ketal compound to the zirconium compound is approximately 0.1:1 to 5:1 and the molar ratio of the aluminium compound to the zirconium compound is approximately 1:1 to 100:1, wherein said zirconium compound, said organic acetal or ketal and said aluminium compound are mixed at 0°C to 80°C under ethylene or inert gas atmosphere.

COMP.SPECN: 20 PAGES    DRAWING: NIL SHEETS  
REFERENCE CITED: US 4 855 525; EP-A- 328 728.

Ind.Cl.:

12 C

192238

Int Cl<sup>4</sup> :

C 21 D 9/56

"AN APPARATUS FOR HEAT  
TREATMENT OF STEEL WIRE"

APPLICANT(S) :

SMS SCHLOEMANN-SIEMAG  
AKTIENGESELLSCHAFT EDUARD-  
SCHLOEMANN-STRASSE 4 40237  
DUSSELDORF/FEDERAL REPUBLIC  
OF GERMANY A GERMAN COMPANY

INVENTOR(S) :

1. ALBERT HAUCK

Application No.

1273/MAS/95

filed on 4-Oct-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2002) 'ATENT OFFICE, CHENNAI BRANCH.

### 6 CLAIMS

An apparatus for heat treatment of steel wire emerging from a continuous wire rolling mill, the apparatus comprising a horizontal conveyor, a laying head for placing the steel wire in the form of a row of successive and overlapping loops onto the horizontal conveyor, means for subjecting the steel wire to heat treatment while placed on the horizontal conveyor, the horizontal conveyor having an end, a loop collecting unit for collecting the steel wire into a wire coil at the end of the horizontal conveyor, further comprising a second loop collecting unit, the second loop collecting unit being moveable into and out of a conveying path of the horizontal conveyor behind the laying head, and coil conveyor units connected to the second loop collecting unit, the coil conveyor unit comprising transfer units for transferring the wire coils to at least one of a coil heating unit and a coil cooling unit, wherein the horizontal conveyor comprises behind the laying head a conveyor portion, the conveyor portion being moveable transversely out of the conveying path of the horizontal conveyor and being replaceable by the second loop collecting unit, and wherein the coil conveyor unit comprises a first transverse conveyor for conveying empty coil support pallets into the loop collecting unit and for conveying coil support pallets with wire coils out of the second loop collecting unit, wherein a conveying path of the first transverse conveyor is located underneath a unit for placing heat insulation hoods onto the coil support pallets which have been moved out of the second loop collecting unit and loaded with wire coils.

COMP.SPECN: 16 PAGES DRAWING: 1 SHEET.

192239

Ind.Cl.:1A

Int.Cl<sup>4</sup>:C 09J 7/04

"AN ADHESIVE SHEET MATERIAL SUITABLE  
FOR USE ON WET SURFACES"

Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY  
3M CENTER, SAINT PAUL  
MINNESOTA 55144-1000  
A CORPORATION OF THE STATE OF DELAWARE  
USA.

Inventors: 1. DONALD H. LUCAST  
2. CLYDE D. CALHOUN  
3. JOHN E. RIEDEL

4. CHARLES W. TAYLOR

Application No 1275/MAS/95 filed on 4-OCT-1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2002)  
Patent Office, Chennai Branch.

## 10 Claims

An adhesive sheet material, comprising; a porous backing with opposing sides, which is made of fibers which absorb less than 4 percent by weight water, and a water-insoluble, pressure sensitive adhesive which is capable of absorbing no more than 10 percent by weight water, and which adhesive is discontinuously coated on one side of the backing to provide areas of the pressure sensitive adhesive interspersed with areas of uncoated backing, the area of backing which are not coated by adhesive being between 20 and 70 percent of the area of the backing; wherein the porosity of the backing is sufficient to provide the adhesive sheet material with a Gurley values of 0 to 15 seconds per 100cc of air.

Ind. Cl.

32 E

192240

Int Cl<sup>4</sup> :

C 08 L 101/02

"A POLYMER MIXTURE"

APPLICANT(S) :

DOW GLOBAL TECHNOLOGIES INC  
OF WASHINGTON STREET, 1790 BUILDING  
MIDLAND, MICHIGAN 48674  
USA.

INVENTOR(S) :

1. JACQUELYN A. DEGROOT
2. LONNIE G. HAZLITT
3. PRADEEP JAIN
4. SEEMA V. KARANDE
5. LAURA K. MERGENHAGEN
6. DAN G. MOLDOVAN
7. KENNETH B. STEWART
8. NICOLE F. WHITEMAN

APPLICATION NO :

1305 MAS 95

filed on 10-Oct-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 1972 ) PATENT OFFICE, CHENNAI BRANCH.

17 CLAIMS

A polymer mixture comprising

(A) from 15 to 60 weight percent, based on the total weight of the mixture, of at least one first ethylene polymer which is a substantially linear ethylene-alpha olefin polymer having a density in the range of 0.850 to 0.920g/cc or 0.850 to 0.900g/cc, wherein the substantially linear ethylene-alpha olefin polymer is further characterized as having

- i. a melt flow ratio,  $I_{10}/I_2 \geq 5.63$ ,
- ii. a molecular weight distribution,  $M_w/M_n$ , as determined by gel permeation chromatography and defined by the equation:  
 $(M_w/M_n) \leq (I_{10}/I_2) - 4.63$ ,
- iii. a gas extrusion rheology such that the critical shear rate at onset of surface melt fracture for the substantially linear ethylene-alpha olefin polymer is at least 50 percent greater than the critical shear rate at the onset of surface melt fracture for a linear ethylene polymer, wherein the substantially linear ethylene-alpha olefin polymer and the linear ethylene polymer comprise the same comonomer or comonomers, the linear ethylene polymer has an  $I_2$ ,  $M_w/M_n$  and density within ten

- percent of the substantially linear ethylene-alpha olefin polymer and wherein the respective critical shear rates of the substantially linear ethylene-alpha olefin polymer and the linear ethylene polymer are measured at the same melt temperature using a gas extrusion rheometer, and
- iv. a single differential scanning calorimetry, DSC, melting peak between  $-30^{\circ}$  and  $150^{\circ}\text{C}$ ; and

(B) from 40 to 85 weight percent, based on the total weight of the mixture, of at least one second ethylene polymer which is a homogeneously branched, heterogeneously branched linear, or non-short chain branched linear ethylene polymer having a density in the range of 0.890 to 0.965 g/cc.

wherein the polymer mixture is characterized as having a density of from 0.890 to 0.930 g/cc, a differential between the densities of the first ethylene polymer and the second ethylene polymer of at least 0.015 g/cc, with the proviso that where the density of the first ethylene polymer is less than 0.887 g/cc, the density of the second ethylene polymer is greater than 0.920 g/cc, wherein (1) the ethylene-alpha olefin polymer has a density in the range of 0.850 to 0.920 g/cc and the polymer mixture has a percent residual crystallinity, PRC, as defined by the equation

$$\text{PRC} \geq 5.0195 \times 10^4 (p) - 2.7062 \times 10^4 (p)^2 - 2.3246 \times 10^4,$$

Where  $p$  is the density of the polymer mixture in grams/cubic centimeters or wherein (2) the ethylene-alpha olefin polymer has a density in the range of 0.850 to 0.920 g/cc, the second ethylene polymer has a density in the range of 0.890 to 0.942 g/cc; the polymer mixture has a Vicat softening point of at least  $75^{\circ}\text{C}$ ; and

- (a) a 0.038 mm thick coextruded sealant layer fabricated from the polymer mixture has a heat seal initiation temperature equal to or less than  $100^{\circ}\text{C}$  and an ultimate hot tack strength of at least 2.56 N/cm, and
- (b) the Vicat softening point of the polymer mixture is more than  $6^{\circ}\text{C}$  higher than the heat seal initiation temperature of the coextruded sealant layer,
- or wherein (3) the substantially linear ethylene-alpha olefin polymer has a density in the range of 0.850 to 0.900 g/cc, and a n-hexane extractive level of substantially 100 weight percent based on the weight of the first ethylene polymer; then the second ethylene polymer has a density in the range of 0.890 to 0.942 g/cc; and the polymer mixture is characterized as having a density of from 0.890 to 0.930 and a compositional hexane extractive level of at least 30 percent lower than the expected extractive amount for the mixture based on the total weight of the mixture.

COMP. SPECN.: 64 PAGES DRAWINGS: 5 SHEETS  
REFERENCE CITED: US 4,429,079, US 4,981,760, US 5,206,075.

Ind.Cl.:126D

192241

Int.Cl<sup>4</sup>:G01 N.9/00;

"A DEVICE FOR MEASURING THE DENSITY  
OF LIQUEFIED PETROLEUM GASES".

Applicant: LPG EQUIPMENT RESEARCH CENTRE,  
AN INDIAN ORGANISATION OF OPPOSITE  
INDIA OIL L.P.G. BOTTLING PLANT, WHITEFIELD ROAD,  
DOORAVANI NAGAR, BANGALORE-560 016,  
INDIA.

Inventors: 1. Rajeev Annappa Hagargi;  
2. Ranganathan Rajakumar;  
3. Salagame manjunath Venugopal.

Application No710/MAS/95. filed on 13-Jun-95.

Complete specification Left 12-Jun-96.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972),  
Patent Office, Chennai Branch.

6. Claims

A device for measuring the density of liquefied petroleum gases (LPG). Comprising a transparent container secured between the top and bottom flanges. A ball valve being provided with the upper flange such that to introduce the sample quantity into said transparent container, a calibrated hydrometer disposed within the container is provided for measuring the density of the LPG, sealing member is provided with said to and bottom flanges so as to make the container gas/air tight and also protect the hydrometer.

Ref: Indian Application No.710/MAS/95.

(Prov.Specn.:5.Comp.Specn. 9. Pages; Drgs 1+2. Sheets.

InJ.Cl.:32 C

192242

Int.Cl<sup>4</sup>:C 07C 179/06**"A TRANSPORTABLE, STORAGE STABLE PEROXIDE COMPOSITION"**

**Applicant:** AKZO NOBEL NV  
VELPERWEG 76  
6824 BM ARNHEM  
A DUTCH COMPANY  
THE NETHERLANDS

**Inventors:** 1. REINDER TORENBEEK  
2. JOHN MEIJER  
3. ANDREAS HERMAN HOGT

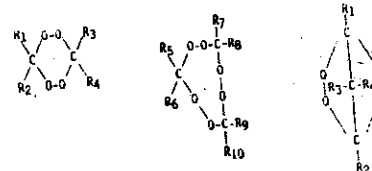
4. GERRIT BEKENDAM.

Application No940/MAS/95 filed on 24-JULY-1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2002), Patent Office, Chennai Branch.

**10 Claims**

A transportable, storage stable peroxide composition which comprises 1.0-90% by weight of one or more cyclic ketone peroxides selected from peroxides represented by the formulae I-III:



Wherein  $R_1$ - $R_{10}$  are independently selected from the group consisting of hydrogen,  $C_1$ - $C_{20}$  alkyl,  $C_3$ - $C_{20}$  cycloalkyl,  $C_6$ - $C_{20}$  aryl,  $C_7$ - $C_{20}$  aralkyl and  $C_7$ - $C_{20}$  alkaryl, which groups may include linear or branched alkyl moieties; and each of  $R_1$ - $R_{10}$  may be optionally substituted with one or more groups selected from hydroxy,  $C_1$ - $C_{20}$  alkoxy, linear or branched  $C_1$ - $C_{20}$  alkyl,  $C_6$ - $C_{20}$  aryloxy, halogen, ester, carboxy, nitrile, and amido; and 10-99% by weight of one or more diluents selected from the group consisting of liquid phlegmatizers for the cyclic ketone peroxides, plasticizers, solid polymeric carriers, inorganic supports, organic peroxides and mixtures thereof, with the proviso that when said diluent comprises a non-cyclic ketone peroxide, at least 20% of the total active oxygen content of the formulation must be attributable to one or more cyclic ketone peroxides of the formulae I-III.

Reference to : BRITISH PATENT NO.1.072.728;  
US 3,649,546.

Ind.Cl.: 32 F3 C, 175 J

192243

int Cl<sup>4</sup> : C 07 B 63/00

"A PROCESS FOR SEPARATING UNDESIREO COMPONENTS  
FROM A BUTYNE DIOL SOLUTION"

APPLICANT(S):

S K CORPORATION  
OF 99 SEORIN-DONG, JONGRO-KU  
SEOUL 110-110,  
THE REPUBLIC OF KOREA.

INVENTOR(S):

1. DR. NICOLE SCHODEL  
2. DR. KARL-HEINZ HOFMANN  
3. FRANK WEISSNER

Application No.

1039 MAS 95

filed on 16-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2002) PATENT OFFICE, CHENNAI BRANCH.  
3 CLAIMS

A process for separating undesired components such as acetylene, formaldehyde, propargyl alcohol or the like from the crude butyne diol solution withdrawn from the butyne diol synthesis, characterized in that the undesired components are separated from the crude butyne diol solution by means of superheated steam stripping.

COMP. SPECN.: 7 PAGES DRAWINGS: 1 SHEET.

Ind.Cl.: 129 XXX V B 192244

Int.Cl.<sup>4</sup> B 29 C 047/06  
B 29 C 047/18

"AN EXTRUSION DIE ASSEMBLY"

APPLICANT(S): SOCIETE DES PRODUITS NESTLE S.A.  
P.O. BOX 353, 1800 VEVEY,  
SWITZERLAND, A COMPANY  
INCORPORATED IN SWITZERLAND

INVENTOR(S): 1. ERNST HECK  
2. MARCEL MUELLER  
3. ADRIAN WEBER

Application No. 1203 MAS 95 filed on 15-Sep-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 2002) PATENT OFFICE, CHENNAI BRANCH.  
13 CLAIMS

An extrusion die assembly comprising a fixed solid body (2), in which there are provided at least one intake channel (3) for a plasticised mass of substance, in particular foodstuffs, and a receptacle (4) which contains a rotary barrel (5), in which there are provided at least one outlet channel (6) and a distribution chamber (7) with symmetry of revolution, which communicates upstream with the said intake channel (3) and downstream with the said outlet <sup>channel</sup> (6), an outer surface (8, 9) of the said barrel co-operating by means of an axial and radial bearing (10, 11) with a corresponding surface (12, 13) of the said receptacle, the said intake channel (3) is in communication with the said distribution chamber (7) by means of a distribution antechamber (14) with symmetry of revolution, which is provided in the said body (2), in the upstream extension of the distribution chamber, rotary annular sealing means (15) being provided at the junction between the said distribution chamber and antechamber, the said rotary annular sealing means (15) comprising a flat sealing ring (16) with a generally rectangular cross-section, provided in an annular groove with a generally corresponding cross-section,

a flat upstream surface (17) of the groove being provided in the wall of the said distribution antechamber (14), and a flat downstream surface (18) of the groove being provided in the wall of the said distribution chamber (7), and the said sealing ring (16) has a cylindrical outer surface (19) and a concave inner surface (20).

Ind.Cl.: 27 L

192245

Int Cl<sup>4</sup> : E 04 C 1/00**"A PRE-FABRICATED DOUBLE SKIN PANEL"**

APPLICANT(S) :

CORUS UK LIMITED  
OF 9 ALBERT EMBANKMENT,  
LONDON SE1 7SN, ENGLAND  
A BRITISH COMPANY.

INVENTOR(S) :

1. HUGH GORDON BOWERMAN  
2. BASSAM ADEEB BURGAN

Application No.

1318 MAS 95

filed on 12-Oct-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2002 ) PATENT OFFICE, CHENNAI BRANCH.  
20 CLAIMS

A pre-fabricated double skin panel comprising two steel facing plates which, in use of the panel, are positioned one on each side of a layer of cementitious material and are connected thereto by transverse cross-members which extend generally normal to the facing plates and are attached thereto to define a double skin composite panel of steel and cementitious material, the panel being characterized in that the thickness of each facing plate is between 2 mm and 32 mm; the spacing between neighbouring cross-members is between 15 and 50 times the thickness of the facing plates; and the separation between the facing plates is between 100 mm and 600 mm.

COMP. SPECN.: 22 PAGES DRAWINGS: 3 SHEETS.  
REFERENCE: GB-A-2136032, GB-A-2136033, GB-A-2218669.

Ind.Cl.:90-D-(XXXVI).

192246

Int. Cl.<sup>4</sup>:C 03 B 7/10.

"GLASS GOB SHEARING APPARATUS".

Applicant: OWENS-BROCKWAY GLASS CONTAINER INC.,  
Of one Seagate, Toledo, Ohio 43666,  
a corporation of the state of Delaware, U.S.A.

Inventors: 1. D. WAYNE LEIDY;  
2. CARL E. DENLINGER.

Application No 1320/MAS/95. filed on 12-Oct-95.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2002), Patent  
Office, Chennai Branch.

#### 10. Claims

An apparatus for shearing a plurality of streams (A, B, C or D) of molten glass from a glass feeder into individual gobs of molten glass for processing into glass containers in a forming machine, said apparatus comprising; first shearing means (12) comprising a first plurality of knife elements (32a, 23b, 32c or 32d); second shearing means (14) comprising a second plurality of knife elements (34a, 34b, 34c, or 34d); mounting means (16,18,20) for mounting said first shearing means for motion toward and away from said second shearing means and for mounting said second shearing means for parallel motion toward and away from said first shearing means; a unidirectional acting servo motor (36) and connecting means (26,30) for connecting said servo motor to said first shearing means and to said second shearing means for simultaneously moving said first shearing means and said second shearing means toward one another and then away from one another, said connecting means comprising; a bell crank (22) having a central axis; first connecting rod means connecting said servo motor to said bell crank for imparting oscillating motion to said bell crank about its central axis; second connecting rod means connecting said bell crank to said first shearing means for imparting reciprocating motion to said first shearing means; and third connecting rod means connecting said bell crank to said second shearing means for imparting reciprocating motion to said second shearing means; said second connecting rod means and said third connecting rod means being pivotally attached to said servomotor at diametrically spaced apart locations thereof.

Ind.Cl.: 80 VI 54

192247

Int Cl<sup>4</sup> : A 47 J 31/00

"A COFFEE MAKING MACHINE"

APPLICANT(S): TRIBHUVANSIMH AMRITLAL RATHOD  
E-27, 16TH CROSS STREET,  
BESANT NAGAR, CHENNAI - 600 090  
TAMIL NADU, INDIA  
INDIAN NATIONAL.

INVENTOR(S): 1. AMRITHALINGAM ANAND

Application No. 1326 MAS 95 filed on 16-Oct-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2002 ) PATENT OFFICE, CHENNAI BRANCH.  
7 CLAIMS

A coffee making machine comprising an electrically heated boiler mounted below a water tank; an inlet for water to enter the boiler from the tank and an outlet for hot water to leave the boiler under the influence of the head of water in the tank; a thermostat for regulating the temperature of the water in the boiler to a predetermined value; electrical sensing means for switching off power to the boiler, whenever the water in the tank falls below a predetermined value; a filter for receiving coffee powder, the filter being disposed below the said outlet for also receiving the hot water therein; a collecting vessel disposed below the filter and resting on a base member for receiving therein the decoction percolating through the filter; an electrically heated warmer located inside the base member for warming the decoction in the vessel, whenever required, the outlet or the inlet being provided with valve means which initially disallow the flow of water through the outlet, but allow continuous flow of water once the water in the boiler is heated to the predetermined value.

Ind.Cl.: 62 D 192248

Int Cl.: D 06 B 3/34  
D 06 B 7/08

"WIDTH STRETCHING UNIT"

APPLICANT(S): KUSTERS ZITTAUER MASCHINENFABRIK GmbH  
GERHART-HAUPTMANN-STRASSE 15  
D-02763 ZITTAU  
GERMANY  
A GERMAN COMPANY

INVENTOR(S): 1. STEFFEN GREIF  
2. PETER PFEIFFER  
3. INGO LISON

Application No. 1346/MAS/95 filed on 18-Oct-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 1972) PATENT OFFICE, CHENNAI BRANCH.  
38 CLAIMS

A width stretching unit for a web of material, the width stretching unit comprising a first needle disc unit (20) having first and second needle discs (26, 28) disposed along a first axis (27) at an axial distance corresponding to a width of the web of material (4), the first and second needle discs having a multiplicity of peripherally distributed needles pointing radially outward, the multiplicity of needles intended for insertion into selvages (4) of the web of material (4); a pivoting mechanism (13, 50) for pivoting a first rotational axis (35) and a second rotational axis (37) of the first and second needle discs (26, 28), respectively; a pinning mechanism for pinning the web of material by its edges onto the multiplicity of needles (30) of the first and second needle discs (26, 28) in a region of reduced axial distance between edges of the first and second needle discs (26, 28); a second needle disc unit (40) associated with the first needle disc unit (20), the second needle disc unit having a second axis (47) parallel to the first axis (27), the second needle disc unit further having third and fourth needle discs (46, 48) rotatably mounted substantially perpendicular to the second axis (47), the third and fourth needle discs rotating about the second axis at the same peripheral speed as the first and second needle discs, an axial distance between the third and fourth needle discs being equal to the axial distance between the first and second needle discs in a zone of increased distance between the first and second needle discs; wherein the edge of the first needle disc practically touches the edge of the third needle disc in the zone of increased distance, and the edge of the second needle disc practically touches the edge of the fourth needle disc in the zone of increased distance so that it is possible for the web of material to be transferred from the first and second needle discs to the third and fourth needle discs, respectively, without relinquishing the pinning on at least one of the first or third needle discs and at least one of the second or fourth needle discs.

Ind. Cl. :

32 E

192249

Int Cl<sup>4</sup> :C 08 F 210/02 &  
C 08 F 210/06

"A PROCESS FOR THE POLYMERIZATION OF  
ETHYLENE WITH PROPYLENE"

APPLICANT(S) :

ENICHEM ELASTOMERI Srl; A COMPANY  
ORGANIZED UNDER THE LAWS OF  
THE ITALIAN REPUBLIC OF P-ZA  
DELLA REPUBBLICA, 16 - MILANO  
(ITALY)

INVENTOR(S) :

1. TIZIANO TANAGLIA;  
2. GIANNI LOBERTI.

APPLICATION NO :

1448 MAS 95

filed on 9-Nov-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
RULE 4, PATENTS RULES, 2002) PATENT OFFICE, CHENNAI BRANCH.

## 11 CLAIMS

A process for the polymerization of ethylene with propylene and optionally with another diene such as herein described, said process being carried out in a suspension of a liquid monomer of propylene saturated with ethylene, in the presence of a catalyst containing Vanadium and a cocatalyst basically consisting of an organic compound of Aluminium and optionally in the presence of a halogenated promotor, characterized in that the catalyst containing Vanadium is supported on an inert matrix such as herein described and is prepared by:

- a) impregnation of the said inert matrix such as herein described with a solution, in hydrocarbons or halohydrocarbons, of a Vanadium compound with an oxidation state of between 3 and 5;
- b) optional removal of the solvent used in step (a), from the impregnated support obtained in step (a),
- c) treatment of the inert material impregnated with Vanadium of step (a) or (b), with a hydrocarbon solution of a compound having general formula (I)  $R_nAlX_m$  wherein R is a  $C_1$ - $C_{20}$  alkyl radical, X is a halogen,  $n + m = 3$ , and m is an integer from 0 to 2, the above step (c) being carried out in an inert atmosphere, preferably in an atmosphere of ethylene or  $\alpha$ -olefins, the molar ratio between Aluminium of step (c) and Vanadium of step (a) being between 1/1 and 6/1;
- d) optional separation and purification of the catalyst containing Vanadium obtained in step (c)
- e) using the said catalyst for the polymerization of ethylene with propylene to produce the said ethylene-propylene elastomers.

COMP.SPECN: 30 PAGES DRAWING: NIL SHEETS.  
REFERENCE CITED: US-A-5,002,916; GB-A-2,105,355.

Ind.Cl.: 76 E 192250  
 Int Cl<sup>4</sup> : A 44 B 19/00.

"A SLIDE FASTENER SLIDER"

APPLICANT(S) :

YKK CORPORATION  
 NO.1, KANDA IZUMI - CHO  
 CHIYODA - KU  
 TOKYO, JAPAN  
 A JAPANESE COMPANY

INVENTOR(S) :

1. JIRO HARADA  
 2. TSUTOMU TOMITA  
 3. HIDEO TAKABATAKE

Application No.

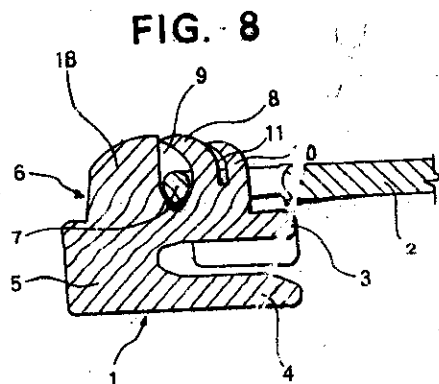
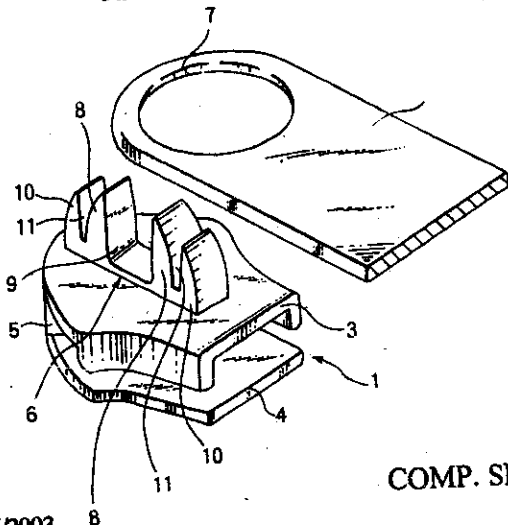
1459/MAS/95

filed on 10-Nov-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
 (RULE 4, PATENTS RULES, 2002) PATENT OFFICE, CHENNAI BRANCH.  
 17 CLAIMS

A slide fastener slider comprising:

- (a) a slider body (1);
- (b) a pull tab (2) pivotally attached to said slider body (1) and having a pintle (7); and
- (c) at least one pull tab attaching lug (6) projecting from a surface of said slider body (1) and having a recess (9) to receive said pintle (7) of said pull tab (2), a first support projection (8) bent toward said recess (9), a second support projection (10 or 18), and at least a first reinforcing projection (11) extending parallel to said first support projection (8) and bent against said first support projection (8), said first support projection (8) and said projection (10 or 18) being situated facing each other with said recess (9) defined therebetween.



COMP. SPECN.: 25 PAGES DRAWINGS: 8 SHEETS.

## OPPOSITION PROCEEDINGS

The opposition as entered by M/s. Bharat Heavy Electircals Limited, Hyderabad-500093 to the grant of a Patent on Application No. 184657 (221/Bom/1996) made by M/s. Crompton Greaves Limited, Mumbai as notified in the Gazette of India, Part III, Section 2, dated 23.09.2000 has been dismissed and it is ordered that the application for Patent No. 184657 shall proceed to sealing.

## OPPOSITION PROCEEDINGS (U/S. 25)

The opposition entered by (1) Mr. Pradeep Kumar Pansari, Mumbai and 21 M/s. Inarco Ltd., Mumbai to the grant of a Patent to the application No. 188780(219/Bom/1998) made by M/s. Precision Rubber Industries Pvt. Ltd., Mumbai is refused under Section 25 of the Act.

An opposition entered by M/s. Bajaj Auto Limited, Pune to the grant of a Patent to the application No. 189455(1154/Del/1994) has been terminating and the application for patent has been ordered to proceed for sealing.

An opposition has been entered by M/s. Bajaj Auto Limited, Pune to the grant of a Patent on application No. 190924 (1251/Cal/96) dated 9th July, 1996 made by M/s. Yamaha Hatsudoki Kabushiki Kaisha, Japan.

## CLAIM U/S 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970, the application No. 1853/Mas/98 dated 18.08.1998 filed by Dr. Reddy's Research Foundation has been allowed to proceed in the name of Dr. Reddy's Laboratories Ltd., 7-1-27, Amerpet, Hyderabad-500016. A.P., India.

## NOTIFICATION

In pursuance of leave granted Under Section 57 of the Patents Act, 1970 application No. 1177/Del/95(191273) FMC EUROPE S.A., a French Joint-Stock Company, of Route des Clerimois, 89107 Sens Cedex, France has been allowed to proceed in the name of FMC TECHNOLOGIES S.A.

## AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that M/s. FMC TECHNOLOGIES S.A., a French joint-Stock Company, of Route des Clerimois, 89107 Sens Cedex, France has made an application on Under Section 57 of the Patents Acts, 1970 for change of name of their application No. 1177/Del/95 (191273) for "AN APPARATUS FOR SELECTIVE CONNECTION" The amendment is by way of change of name from "FMC EUROPE S.A." to "FMC TECHNOLOGIES S.A."

The application and the proposed amendments can be inspected free of charge at Patent Office, W-5, West Patel Nagar, New Delhi-110008 for copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form within 3 months from the date of this Notification at the Patent Office, New Delhi.

## RESTORATION PROCEEDINGS UNDER SECTION 60 OF THE PATENTS ACT, 1970

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 182239 granted to Bhaswar Chatterjee and Sampa Chatterjee for an invention relating to a device for advertising.

The Patent ceased on 2.1.2003 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2 dated 21.02.2004.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The patent Office, Nizam Palace, 2nd MSO Building, 5th, 6th & 7th Floors, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata-700020 on or before under Rule 69 of the Patents Rules, 1972. A written statement in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 184055 made by Ajinkya Naik on 10.12.2002 has been allowed and the said Patent is restored.

## RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 186643, granted to M/s Urminus Ltd., for an invention relating to An Ultra violet disinfecter.

The Patent ceased on 02.10.2002, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated 17.01.2004.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form-14 in duplicate, with the Controller of Patents, at Patent Office, Sun Mill Compound, Todi Estate III Floor, Lower Parel (West), Mumbai-400013, within Two months from the date of this official Gazette.

Under Rule 85 of the Patents Rules 2003, a written statement, in duplicate setting out the nature of opponents interest, the facts upon which he based his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

#### CESSATION OF PATENTS

182119

#### PATENTS SEALED ON 20.02.2004/KOLKATA

190521 190522 190523 190524 190527 190539 190540 190572 190573 190574 190575 190576 190935

Kol-13

#### PATENTS SEALED ON 12.02.2004 (CHENNAI)

189187 189251 189252 189254 189256 189557 189258 189332 189333 189334 189335 189336 189337 189339 189340 189595 189598  
189599 189915 189919





#### PATENTS SEALED ON 11.02.2004 (DELHI)



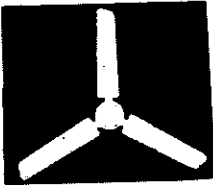


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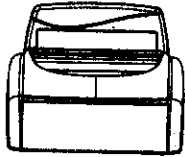


**REGISTRATION OF DESIGNS**


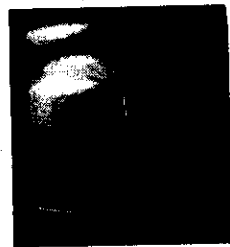



The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)

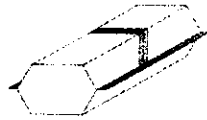
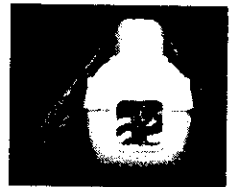



The dates shown in the following each entry is the date of registration.






Class	06-11	No.193133. S.N. KAPOOR EXPORTS, OF KHAWASHJI KA BAGH, AMER ROAD, JAIPUR - 302 002, RAJASTHAN, (INDIA). "CARPET" 05.09.2003	
Class	21-02	No.192693. MAJESTIC RUBBER INDUSTRIES HAVING ITS PRINCIPAL PLACE OF BUSINESS AT D-20, SITE-IV, SAHIBABAD-201 010, DISTT. GHAZIABAD (U.P.) INDIA, "SYNTHETIC CUP FOR CRICKET BALL" 29.07.2003.	
Class	09-01	No.192628. MULTI-DEAL BICHEM PVT. LTD., OF 10, 1 <sup>ST</sup> FLOOR, PASCHIM ENCLAVE, MAIN ROHTAK ROAD, NEW DELHI-110 087, DELHI, INDIA, "BOTTLE" 21.07.2003	
Class	07-02	No.192254. DART INDUSTRIES INC., A CORPORATION FOUNDED UNDER THE LAWS OF DELAWARE, U.S.A. OF 14901, SOUTH ORANGE BLOSSOM TRAIL, ORLANDO, FLORIDA 32837, U.S.A. "LID" 11.12.2002 (RECIPROCTY, U.S.A.)	


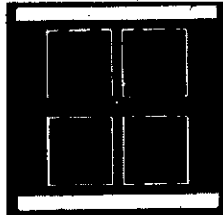


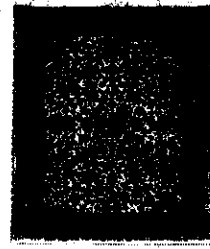
Class	09-01	192183. PARLE AGRO PVT. LTD., AN INDIAN COMPANY OF WESTERN EXPRESS HIGHWAY, ANDHERI (EAST), MUMBAI:-400 099, MAHARASHTRA, INDIA. "BOTTLE" 26.05.2003.	
Class	12-16	No.192522. YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 SHINGAI, IWATA-SHI, SHIZUOKA-KEN, JAPAN, A JAPANESE CORPORATION. "FRONT COWL FOR MOTORCYCLE" 04.07.2003	
Class	03-04	No.193087. KHAITAN (INDIA) LIMITED, AN INDIAN COMPANY OF 46C, JAWAHAR LAL NEHRU ROAD, KOLKATA: -700 071, W.B., INDIA. "CEILING FAN" 02.09.2003.	
Class	19-02	No.192195. LAKSHMAN PRASAD, AN INDIAN NATIONAL OF 3/6 MARRIS ROAD, MENDU COMPOUND, ALIGARH 202001, INDIA. "A FASTENER (PAPER)" 26.05.2003.	
Class	02-04	No.192359. M/S. YADAV PLASTIC WORKS, H-44, UDYOG NAGAR, ROHTAK ROAD, NEW DELHI, INDIA, AN INDIAN. "SOLE FOR FOOTWEAR" 17.06.2003	

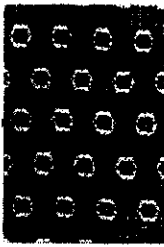
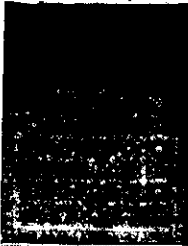



Class	09-01	No.192928. NIRULA CORNER HOUSE PRIVATE LIMITED, A INDIAN COMPANY OF L-BLOCK, CONNAUGHT CIRCUS, NEW DELHI: -110 001, INDIA. "BOTTLE" 18.08.2003	
Class	12-16	No.192520. YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 SHINGAI, IWATA-SHI, SHIZUOKA-KEN, JAPAN, A JAPANESE CORPORATION. "REAR SIDE COVER FOR MOTORCYCLE" 04.07.2003	
Class	20-02	No.192381. CADBURY LIMITED, FRANKLIN HOUSE F2, BOURNVILLE LANE, BIRMINGHAM B30 2LU, U.K., A COMPANY INCORPORATED BY THE LAWS OF ENGLAND AND WALES. "A DISPLAY UNIT" 20.12.2002 (RECIPROCITY NEW ZEALAND)	
Class	12-16	No.192521. YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 SHINGAI, IWATA-SHI, SHIZUOKA-KEN, JAPAN, A JAPANESE CORPORATION. "TANK FOR MOTORCYCLE" 04.07.2003	
Class	05-05	No.193026. THE RISHABH VELVELEN LIMITED, AT 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 26.08.2003	




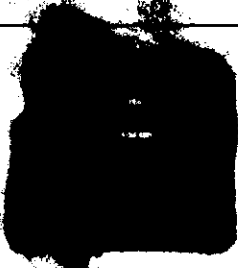

Class	09-03	No.192061. PALMERSTON LIMITED, A COMPANY INCORPORATED IN ACCORDANCE WITH THE LAWS OF THE ISLE OF MAN, 2 <sup>ND</sup> FLOOR, SIXTY CIRCULAR ROAD, DOUGLAS, ISLE OF MAN. "PATTERN" 01.11.2002 (RECIPROCITY, U.K.)	
Class	06-01	No.192860. M/S. LA-PAR CREATION, AT C-1, C-2, SHREYAS INDUSTRIAL ESTATE, BEHIND JAY COACH, GOREGAON (E), MUMBAI-400063, MAHARASHTRA, INDIA, "STOOL" 13.08.2003	
Class	09-03	No.192062. PALMERSTON LIMITED, A COMPANY INCORPORATED IN ACCORDANCE WITH THE LAWS OF THE ISLE OF MAN, 2 <sup>ND</sup> FLOOR, SIXTY CIRCULAR ROAD, DOUGLAS, ISLE OF MAN. "PATTERN" 01.11.2002 (RECIPROCITY, U.K.)	
Class	19-06	No.192575. LINC PEN & PLASTICS LTD., AT 3, ALIPORE ROAD, 1 <sup>ST</sup> FLOOR, KOLKATA: -700 027, INDIA, "PEN" 11.07.2003	
Class	09-01	No.192446. JAYCO PLASTICS, A REGISTERED PARTNERSHIP FIRM HAVING ITS OFFICE AT 72/8, RATAN COURT, J.B. NAGAR, ANDHERI (E), MUMBAI :- 400 059, MAHARASHTRA, INDIA. "WATER BOTTLE" 24.06.2003	





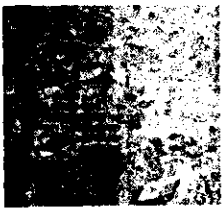
Class	09-01	No.192026. BRITANNIA INDUSTRIES LIMITED OF 5/1A, HUNGERFORD STREET, KOLKATA-700017, WEST BENGAL, INDIA. "BISCUIT PACKET" 01.05.2003	
Class	09-01	No.192445. JAYCO PLASTICS, A REGISTERED PARTNERSHIP FIRM HAVING ITS OFFICE AT 72/8, RATAN COURT, J.B. NAGAR, ANDHERI (E), MUMBAI :- 400 059, MAHARASHTRA, INDIA. "WATER BOTTLE" 24.06.2003	
Class	09-03	No.188840. M/S. UPHAR STEELS, A REGISTERED PARTNERSHIP FIRM, NATIONALITY - INDIAN, C - 60/2, WAZIRPUR INDUSTRIAL AREA, DELHI:-110 052, INDIA, RESIDENT OF DELHI. "TIFFIN CARRIER" 23.04.2002	
Class	03-04	No.192380. THE JAY ENGINEERING WORKS LTD., AN INDIAN COMPANY OF 19, KASTURBA GANDHI MARG, NEW DELHI: -110 001, INDIA. "ELECTRIC FAN" 17.06.2003	
Class	02-04	No.192946. ALERT INDIA , AN INDIAN PARTNERSHIP FIRM OF ADDRESS C-1, S.M.A. INDUSTRIAL ESTATE, G.T. KARNAL ROAD, DELHI- 110 033 (INDIA) "SOLE FOR FOOTWEAR" 18.08.2003.	

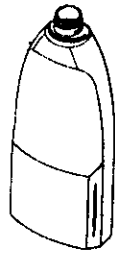
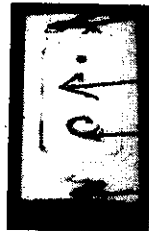
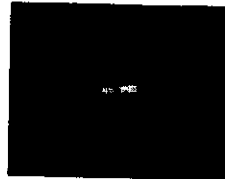
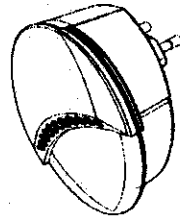

Class	09-03	No.192212. ROTOMAG MOTORS & CONTROLS PVT. LTD., OF BUSINESS AT 7/C, G.I.D.C., V.U.NAGAR-388 121, NEAR ANAND (GUJAR-AT) INDIA."FLY WHEEL" 27.05.2003	
Class	09-03	No.192215. ROTOMAG MOTORS & CONTROLS PVT. LTD., OF BUSINESS AT 7/C, G.I.D.C., V.U.NAGAR-388 121, NEAR ANAND (GUJAR-AT) INDIA."TERMINAL BLOCK" 27.05.2003	
Class	09-03	No.192214. ROTOMAG MOTORS & CONTROLS PVT. LTD., OF BUSINESS AT 7/C, G.I.D.C., V.U.NAGAR-388 121, NEAR ANAND (GUJAR-AT) INDIA."FLY WHEEL" 27.05.2003	
Class	13-03	No.192264. LEADER ELECTRICALS PVT. LTD., AT 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI-400 093, MAHARASHTRA, IN DIA. "ELECTRICAL MODULAR PLATE" 04.06.2003	
Class	13-03	No.192263. LEADER ELECTRICALS PVT. LTD., AT 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI-400 093, MAHARASHTRA, IN DIA. "ELECTRICAL MODULAR PLATE" 04.06.2003	






Class	13-03	No.192266. LEADER ELECTRICALS PVT. LTD., AT 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI-400 093, MAHARASHTRA, IN DIA. "ELECTRICAL MODULAR PLATE" 04.06.2003	
Class	13-03	No.192267. LEADER ELECTRICALS PVT. LTD., AT 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI-400 093, MAHARASHTRA, IN DIA. "ELECTRICAL MODULAR PLATE" 04.06.2003	
Class	02-04	No.192944. ALERT INDIA, AN INDIAN PARTNERSHIP FIRM OF ADDRESS C-1, S.M.A. INDUSTRIAL ESTATE, G.T. KARNAL ROAD, DELHI- 110 033 (INDIA) "SOLE FOR FOOTWEAR" 18.08.2003	
Class	05-05	No.192932. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, AN INDIAN PARTNERSHIP FIRM "TEXTILE FABRIC" 18.08.2003	
Class	06-01	No.193138. S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP OF KHAWASHJI KA BAGH, AMER ROAD, JAIPUR - 302 002, RAJASTHAN, (INDIA). "CARPET" 05.09.2003	






Class	05-05	No.192935. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, AN INDIAN PARTNERSHIP FIRM "TEXTILE FABRIC" 18.08.2003	
Class	06-11	No.193139. S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP OF KHAWASHJI KA BAGH, AMER ROAD, JAIPUR - 302 002, RAJASTHAN, (INDIA). "CARPET" 05.09.2003	
Class	06-11	No.193141. S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP OF KHAWASHJI KA BAGH, AMER ROAD, JAIPUR - 302 002, RAJASTHAN, (INDIA). "CARPET" 05.09.2003	
Class	19-02	No.192193. LAKSHMAN PRASAD, AN INDIAN NATIONAL OF 3/6 MARRIS ROAD, MENDU COMPOUND, ALIGARH 202001, INDIA. "A FASTENER (PAPER)" 26.05.2003	
Class	20-02	No.192028. DC INC., 1, MILIND, 90FT. ROAD, MULUND (EAST), MUMBAI- 400 081, MAHARASHTRA, (INDIA), INDIAN PARTNERSHIP FIRM, INDIAN NATIONALS "DISPLAY STAND" 02.05.2003.	


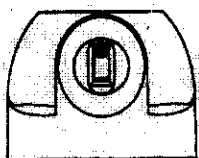

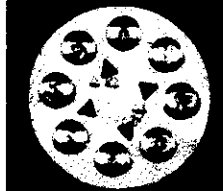
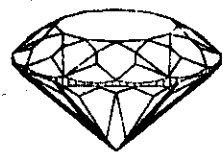
Class	06-02	No.192413. VINTAGE HOME FASHIONS, PLOT NO.134, SECTOR-29, HUDA, PANIPAT- 132 103 ( HARYANA ), INDIA, "TAPESTRY" 23.06.2003.	
Class	19-02	No.192194. LAKSHMAN PRASAD, AN INDIAN NATIONAL OF 3/6 MARRIS ROAD, MENDU COMPOUND, ALIGARH 202001, INDIA. "A FASTENER (PAPER)" 26.05.2003	
Class	02-04	No.192945. ALERT INDIA , AN INDIAN PARTNERSHIP FIRM OF ADDRESS C-1, S.M.A. INDUSTRIAL ESTATE, G.T. KARNAL ROAD, DELHI- 110 033 (INDIA) "SOLE FOR FOOTWEAR" 18.08.2003.	
Class	15-07	No.193367. FRIGO GLASS INDIA PVT. LTD. OF 26/A, SECTOR III, IMT, MANESAR, GURGAON- 122050, HARYANA, INDIA. "REFRIGERATION APPARATUS" 30.09.2003.	
Class	13-03	No.192269. LEADER ELECTRICALS PVT. LTD., AT 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI- 400 093, MAHARASHTRA, IN DIA. "ELECTRICAL MODULAR PLATE" 04.06.2003.	






Class	15-07	No.188599. WHIRLPOOL OF INDIA LIMITED, AN INDIAN COMPANY, OF 28, N.I.T. FARIDABAD: -121001, HARYANA, INDIA. "A COOLING DUCT" 01.04.2002.	
Class	02-04	No.192981. AJAY AGGARWAL, D-5, UDYOG NAGAR, PEERAGARHI CHOWK, ROHTAK ROAD, NEW DELHI:-110 041, INDIA, WHOSE OFFICE IS AT THE ABOVE ADDRESS "FOOTWEAR" 25.08.2003.	
Class	02-04	No.192980. AJAY AGGARWAL, D-5, UDYOG NAGAR, PEERAGARHI CHOWK, ROHTAK ROAD, NEW DELHI:-110 041, INDIA, WHOSE OFFICE IS AT THE ABOVE ADDRESS "FOOTWEAR" 25.08.2003.	
Class	02-04	No. 192982 AJAY AGGARWAL, D-5, UDYOG NAGAR, PEERAGARHI CHOWK, ROHTAK ROAD, NEW DELHI:-110 041, INDIA, WHOSE OFFICE IS AT THE ABOVE ADDRESS "FOOTWEAR" 25.08.2003.	
Class	05-05	No.192801. THE RISHABH VELVELEN LIMITED, AT 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 07.08.,2003.	


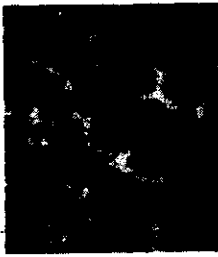

Class	09-01	No.193122. RECKITT BENCKISER (UK) LIMITED, OF 103-105 BATH ROAD, SLOUGH, BERKSHIRE, SL1 3UH, UNITED KINGDOM. "BOTTLE" 15.03.2003 (RECIPROCITY, U.K.)	
Class	13-03	No.192396 ESS ESS KAY ENGINEERING COMPANY LIMITED OF 1956), AT FACTORY AREA, P.B. NO.8, KAPURTHALA-144601, PUNJAB, INDIA. "SWITCH (ELECTRICITY)" 19.06.2003.	
Class	13-03	No.192397. ESS ESS KAY ENGINEERING COMPANY LIMITED OF 1956), AT FACTORY AREA, P.B. NO.8, KAPURTHALA-144601, PUNJAB, INDIA. "SWITCH (ELECTRICITY)" 19.06.2003.	
Class	15-99	No.192684. DBK ESPANA, S.A., ARGENTERS, 2-4-8, EDIF, 3C/P, C/B PARC TECNOLOGIC DEL VALLES, 08290 CERDANYOLA, DEL VALLES ( BARCELONA ) SPAIN, A SPANISH COMPANY. "DIFFUSER" 18.02.2003 (RECIPROCITY, SPAIN).	
Class	13-03	No.192394. M/S. VICTOR INDUSTRIES AT 2/206, ASHIRWAD IND. EST., 2 <sup>ND</sup> FLOOR, RAM MANDIR ROAD, GOREGAON (WEST), MUMBAI:- 400 104. MAHARASHTRA, INDIA, "SWITCH PLATE" 19.06.2003.	

Class	26-03	No.192677. M/S. PRAKASH AUTO INDUSTRIES AT 17, HAMMER SMITH INDL. ESTATE, SITLADEVI TEMPLE ROAD, MAHIM, MUMBAI:- 400 016, MAHARASHTRA, INDIA, "LIGHT FIXTURE" 25.07.2003.	
Class	26-03	No.192676. M/S. PRAKASH AUTO INDUSTRIES AT 17, HAMMER SMITH INDL. ESTATE, SITLADEVI TEMPLE ROAD, MAHIM, MUMBAI:- 400 016, MAHARASHTRA, INDIA, "LIGHT FIXTURE" 25.07.2003.	
Class	07-07	No.192568. THERMO PLAST INDUSTRIES PVT. LTD., 113/114, VIVEK IND. ESTATE, NEAR LITOLIER, USWALA ROAD, CAMA ESTATE, GOREGAON (E), MUMBAI:-400 063, MAHARASHTRA, INDIA, "TIFFIN BOX" 10.07.2003.	
Class	09-09	No.193132. JOYO PLASTICS, A REGISTE-RED PARTNERSHIP FIRM, AT 15-A/F, NEW EMPIRE INDUSTRIAL ESTATE, KONDIVITA LANE, J.B. NAGAR, ANDHERI(E), MUMBAI:-400 059, MAHARA-SHTRA, INDIA, OF ABOVE ADDRESS. "CONTAINER" 05.09.2003.	
Class	09-01	No.192294. THERMO PLAST INDUSTRIES PVT. LTD., 113/114, VIVEK IND. ESTATE, NEAR LITOLIER, USWALA ROAD, CAMA ESTATE, GOREGAON (E), MUMBAI:-400 063, MAHARASHTRA, INDIA, "TIFFIN BOX" 10.07.2003.	

Class	12-11	No.192725. EASTMAN INDUSTRIES LTD., C-87, PHASE-V, FOCAL POINT, LUDHIANA-141010 (PUNJAB), INDIA, "CARRIER" (BICYCLE)	
Class	10-06	No.192596. RAJINDERA ENGINEERS (INDIA), OF C-113, PHASE-V, FOCAL POINT, LUDHIANA-141010 (PUNJAB), INDIA, "BELL" 15.07.2003.	
Class	07-07	No.192567. KRUPA INDUSTRIES, 228, B.T. COMPOUND, MALAD (W), MUMBAI-400 064, GUJARAT, (INDIA), "TIFFIN BOX" 10.07.2003	
Class	19-06	No.192293. CELLO PLASTIC PRODUCTS., 5, GROUND FLOOR, VAKIL INDUSTRIAL WALBHAT ROAD, GOREGAON (E), MUMBAI-400063, STATE OF MAHARASHTRA, (INDIA), "BALL POINT PEN" 09.06.2003.	
Class	19-06	No.192292. CELLO PLASTIC PRODUCTS., 5, GROUND FLOOR, VAKIL INDUSTRIAL WALBHAT ROAD, GOREGAON (E), MUMBAI-400063, STATE OF MAHARASHTRA, (INDIA), "BALL POINT PEN" 09.06.2003.	

Class	13-03	No.192899. M/S. MONARCH TRANSORE INDUSTRIES, HAVING THEIR OFFICE AT SURVEY NO.327/1, NAROLI-SILVASSA ROAD, VILLAGE ATHAL, SILVASSA-396 235 (U.T. OF D. & N.H.), INDIA, ALL INDIAN NATIONALS. 'ELECTRICAL LAMINATION FOR ELUORESCENT CHOKE" 12.05.2003	
Class	09-07	No.193144. COSTER TECNOLOGIE SPE CIALI S.P.A. OF VIALE TRENTO N. 2,38050 CALCERANICA AL LAGO (TRENTO), ITALY, AN ITALIAN COMPANY. "SPRAY CAP" 12.03.2003 (RECIPROCITY, GERMANY)	
Class	09-07	No.193145. COSTER TECNOLOGIE SPE CIALI S.P.A. OF VIALE TRENTO N. 2,38050 CALCERANICA AL LAGO (TRENTO), ITALY, AN ITALIAN COMPANY. "SPRAY CAP" 12.03.2003 (RECIPROCITY, GERMANY)	
Class	09-07	No.189489. SUN PHARMACEUTICAL INDUSTRIES LIMITED, OF ACME PLAZA OPP: SANGAM CIENEMA, ANDHERI - KURLA ROAD, ANDHERI EAST, MUMBAI-400059, MAHARASHTRA, INDIA. "PACKAGE" 16.07.2003.	
Class	11-01	No.193171. DIAROUGH N.V. OF HOVENIERSSTRAAT 30, 2018 ANTWERPEN, BELGIUM. "DIAMOND" 10.09.2003.	

Class	24-02	No.193291. THERMO ELECTRICS MADRAS MANUFACTURING, AN INDIAN PARTNERSHIP FIRM OF 267, KILPAUK GARDEN ROAD, KILPAUK, CHENNAI:-600 010, T.N., INDIA, "HEATING MANTLE" 22.09.2003.	
Class	09-07	No.193146. COSTER TECNOLOGIE SPE CIALI S.P.A. OF VIALE TRENTO N. 2,38050 CALCERANICA AL LAGO (TRENTO), ITALY, AN ITALIAN COMPANY. "SPRAY CAP" 12.03.2003 (RECIPROCITY, GERMANY)	
Class	09-07	No.193147. COSTER TECNOLOGIE SPE CIALI S.P.A. OF VIALE TRENTO N. 2,38050 CALCERANICA AL LAGO (TRENTO), ITALY, AN ITALIAN COMPANY. "SPRAY CAP" 12.03.2003 (RECIPROCITY, GERMANY)	
Class	24-02	No.193290. THERMO ELECTRICS MADRAS MANUFACTURING, AN INDIAN PARTNERSHIP FIRM OF 267, KILPAUK GARDEN ROAD, KILPAUK, CHENNAI:-600 010, T.N., INDIA, "HEATING MANTLE" 22.09.2003.	
Class	05-05	No.193567. THE RISHABH VELVELEN LIMITED, AT 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 21.10.2003	

<b>Class</b>	<b>28-03</b>	<b>No.193463. CRYSTAL PLASTICS &amp; METALLIZING PVT. LTD., (AT SANGHI HOUSE, PALKHI GALLI, OFF VEER SAVARKAR MARG, PRAVHADEVI, MUMBAI:- 400 025, MAHARASHTRA, INDIA. "COMB" 10.10.2003</b>	
<b>Class</b>	<b>05-05</b>	<b>No.193566. THE RISHABH VELVELEN LIMITED, AT 9<sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 21.10.2003</b>	
<b>Class</b>	<b>03-01</b>	<b>No.193396. V.I.P. INDUSTRIES LIMITED, INDIAN COMPANY SECRETARIAL AND LEGAL DEPARTMENT DGP HOUSE, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "HANDBAG" 08.10.2003.</b>	

Dr. S. N. MAITY  
Controller General of Patents, Designs & Trade Marks

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